



# STIC Search Results Feedback Form

**EIC 2100**

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader  
272-3490, RND 4B28

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 RND, 4B28





# **STIC Search Report**

## **EIC 2100**

**STIC Database Tracking Number: 170256**

**TO: Marilyn Nguyen**  
**Location: RND 3C19**  
**Art Unit: 2163**  
**Monday, November 14, 2005**

**Case Serial Number: 10/007696**

**From: Ruth E. Spink**  
**Location: EIC 2100**  
**RND-4B31**  
**Phone: 23524**

**Ruth.spink@uspto.gov**

### **Search Notes**

Merilyn – Attached are the inventor, foreign patent and NPL search for the above referenced case. I tagged a few that I thought might be of particular interest. Be sure to let me know if you would like for me to refocus the search.

Ruth

Access DB# 170256

**SEARCH REQUEST FORM**

(7)

Scientific and Technical Information Center

Requester's Full Name: MERILYN NGUYEN Examiner #: 79389 Date: 10/11/05  
Art Unit: 2163 Phone Number: 301-571-272-4026 Serial Number: 10/007, 696  
Mail Box and Bldg/Room Location: Box 3819 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**  
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers; and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Distributed Image Storage Architecture  
Inventors (please provide full names): Gary Tessoro, Jr.

Earliest Priority Filing Date: 12/08/00

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

- 1) Identifying a storage path to store digital images -  
with
- 2) generating image identifier associated with storage facility  
and 2nd identifier comprising a random #
- 3) generating a hash value based on (2) above.
- 4) storage path is identified based on (2) & (3) wherein  
related images have unrelated storage paths.

relevant citations: US 6,389,460  
US 6,661,904  
US 6,017,157

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BY:.....

**STAFF USE ONLY**

|                                    | Type of Search        | Vendors and cost where applicable |
|------------------------------------|-----------------------|-----------------------------------|
| Searcher: _____                    | NA Sequence (#) _____ | STN _____                         |
| Searcher Phone #: _____            | AA Sequence (#) _____ | Dialog _____                      |
| Searcher Location: _____           | Structure (#) _____   | Questel/Orbit _____               |
| Date Searcher Picked Up: _____     | Bibliographic _____   | Dr.Link _____                     |
| Date Completed: _____              | Litigation _____      | Lexis/Nexis _____                 |
| Searcher Prep & Review Time: _____ | Fulltext _____        | Sequence Systems _____            |
| Clerical Prep Time: _____          | Patent Family _____   | WWW/Internet _____                |
| Online Time: _____                 | Other _____           | Other (specify) _____             |

EST AVAILABLE COPY

| Set | Items | Description  |
|-----|-------|--|
| S1  | 1     | AU=(TESSMAN, G? OR TESSMAN G?)                     |
| S2  | 16    | AU=(LIPPERT, P? OR LIPPERT P?)                     |
| S3  | 16    | S1 OR S2   |
| S4  | 4     | S3 AND IC=(G06F OR H04N)                           |
| S5  | 4     | IDPAT (sorted in duplicate/non-duplicate order)    |
| S6  | 3     | IDPAT (primary/non-duplicate records only)         |
| S7  | 16    | IDPAT S3 (sorted in duplicate/non-duplicate order) |
| S8  | 11    | IDPAT S3 (primary/non-duplicate records only)      |

File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)  
(c) 2005 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2005/Oct W04  
(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051103,UT=20051027  
(c) 2005 WIPO/Univentio

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200571  
(c) 2005 Thomson Derwent

8/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015050065 \*\*Image available\*\*  
WPI Acc No: 2003-110581/200310  
XRPX Acc No: N03-087915

**Digital images storing method in computer system, involves identifying storage path using primary and secondary image identifiers and unique hash value, such that related digital images have unrelated storage paths**

Patent Assignee: LIPPERT P D (LIPP-I); TESSMAN G (TESS-I)

Inventor: LIPPERT P D ; TESSMAN G

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020135801 | A1   | 20020926 | US 2000251834 | P    | 20001208 | 200310 B |
|                |      |          | US 20017696   | A    | 20011210 |          |

Priority Applications (No Type Date): US 2000251834 P 20001208; US 20017696 A 20011210

Patent Details:

| Patent No      | Kind | Lan | Pg          | Main IPC                | Filing Notes  |
|----------------|------|-----|-------------|-------------------------|---------------|
| US 20020135801 | A1   | 19  | G06F-013/00 | Provisional application | US 2000251834 |

Abstract (Basic): US 20020135801 A1

NOVELTY - A primary image identifier associated with a primary storage facility and a directory, is generated. A secondary image identifier comprising a random number, is produced. A unique hash value is generated by encrypting the primary and secondary identifiers. A storage path is identified using the image identifiers and unique hash value, such that related digital images have unrelated storage paths.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Digital image storage apparatus;
- (2) Digital images storing program; and
- (3) Digital images monitoring method.

USE - For storing digital images within computer system.

ADVANTAGE - Prevents illegal usage of digital images by identifying storage path based on image identifiers and unique hash value.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the digital images storing process.  
pp; 19 DwgNo 5/6

Title Terms: DIGITAL; IMAGE; STORAGE; METHOD; COMPUTER; SYSTEM; IDENTIFY; STORAGE; PATH; PRIMARY; SECONDARY; IMAGE; IDENTIFY; UNIQUE; HASH; VALUE; RELATED; DIGITAL; IMAGE; UNRELATED; STORAGE; PATH

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-015/00; H04N-001/00

File Segment: EPI

8/5/6 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013067174 \*\*Image available\*\*  
WPI Acc No: 2000-239046/200021  
XRPX Acc No: N00-179471

**Playback of live and pre recorded multimedia system e.g. for Internet,  
has computer system having several terminal information handlers managing  
general information flow to and from several users**

Patent Assignee: AMERICA ONLINE INC (AMON-N)  
Inventor: ENETE N; LIPPERT P; LIPPKE D; PAI A; WATSON R  
Number of Countries: 028 Number of Patents: 004  
Patent Family:

| Patent No     | Kind | Date     | Applicat No | Kind | Date     | Week     |
|---------------|------|----------|-------------|------|----------|----------|
| EP 984584     | A1   | 20000308 | EP 99306950 | A    | 19990901 | 200021 B |
| AU 9947371    | A    | 20000323 | AU 9947371  | A    | 19990903 | 200025   |
| JP 2000151595 | A    | 20000530 | JP 99251938 | A    | 19990906 | 200033   |
| CA 2281440    | A1   | 20000304 | CA 2281440  | A    | 19990902 | 200033   |

Priority Applications (No Type Date): US 99272673 A 19990318; US 98148244 A 19980904

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC     | Filing Notes |
|---|------|-----|----|--------------|--------------|
| EP 984584   | A1   | E   | 20 | H04L-012/18  |              |
| Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT<br>LI LT LU LV MC MK NL PT RO SE SI |      |     |    |              |              |
| AU 9947371  | A    |     |    | H04N-007/173 |              |
| JP 2000151595   | A    |     | 14 | H04L-012/18  |              |
| CA 2281440  | A1   | E   |    | H04L-012/16  |              |

Abstract (Basic): EP 984584 A1

NOVELTY - The system has a computer system having several terminal information handlers managing general information flow to and from several users. An output process assembling multiple multimedia data streams distribution. A broadcast process, in communication with the output process, distributes the assembled multiple multimedia data streams to each terminal information handlers.

DETAILED DESCRIPTION - A selector process, in communication with the terminal information handlers, receives a channel request from a user through an terminal information handler associated with the user, mapping the channel request to a corresponding one of the multiple multimedia data streams, and enables transmission of the corresponding one multimedia data stream to the user through the associated terminal information handler. An INDEPENDENT CLAIM is included for a method of live and prerecorded multimedia data in real time over large scale communication network

USE - For Internet.

ADVANTAGE - Provides playback of live and pre recorded multimedia data in real time over large scale communication network, for large number of users typically in hundreds of thousand of users.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram showing the client host architecture for a capture session.  
pp; 20 DwgNo 5a/18

Title Terms: PLAYBACK; LIVE; PRE; RECORD; SYSTEM; COMPUTER; SYSTEM;  
TERMINAL; INFORMATION; HANDLE; MANAGE; GENERAL; INFORMATION; FLOW; USER  
Derwent Class: T01; W01; W02  
International Patent Class (Main): H04L-012/16; H04L-012/18; H04N-007/173  
International Patent Class (Additional): G06F-015/163; H04H-001/08;  
H04L-029/06; H04L-029/12; H04N-005/38  
File Segment: EPI

8/5/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

004007734

WPI Acc No: 1984-153276/198425

XRPX Acc No: N84-113801

**Light pen connection for computer graphic display system - has dot and line counters connected to microprocessor feeding main computer**

Patent Assignee: BBC BROWN BOVERI & CIE AG (BROV )

Inventor: **LIPPERT P**

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| DE 3245785 | A    | 19840614 | DE 3245785  | A    | 19821210 | 198425 B |
| DE 3245785 | C    | 19850509 | DE 3245785  | A    | 19851210 | 198520   |

Priority Applications (No Type Date): DE 3245785 A 19821210; DE 3245785 A 19851210

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|----------|--------------|
| DE 3245785 | A    | 8      |          |              |

Abstract (Basic): DE 3245785 A

The light pen (4) is switched through a D register and an AND element (5) to a dot counter (6) the AND element having its second inlet connected to a timing generator (7). One outlet of the dot counter leads to a line counter (8) and a second to the microprocessor (9), to which the line counter is also connected. Both counters are synchronised by a synchronous separator (10) which is connected to the synchronisation outlet of the display system. The microprocessor is activated by a sensing switch (12) in the light pen. The microprocessor is able to contact the main computer (3) through an interface (11) and to exchange data information serially.

When the light pen receives an impulse through being brought into proximity with the screen, the AND element is blocked through the D register, so that the two counters cease counting. The counter readings corresp. to the position of the light pen relative to the screen and this information is transferred to the microprocessor when the sensing switch is pressed.

Title Terms: LIGHT; PEN; CONNECT; COMPUTER; GRAPHIC; DISPLAY; SYSTEM; DOT; LINE; COUNTER; CONNECT; MICROPROCESSOR; FEED; MAIN; COMPUTER

Derwent Class: T01; T04

International Patent Class (Additional): G06F-003/03; G06K-011/06

File Segment: EPI

| Set  | Items   | Description                                  |
|------|---|--|
| S1   | 0   | AU=(TESSMAN, G? OR TESSMAN G?)               |
| S2   | 30  | AU=(LIPPERT, P? OR LIPPERT P?)               |
| S3   | 27  | S2 NOT PY>2000                               |
| S4   | 26  | RD (unique items)                            |
| File | 2:INSPEC 1898-2005/Oct W5                         | (c) 2005 Institution of Electrical Engineers |
| File | 6:NTIS 1964-2005/Oct W5                           | (c) 2005 NTIS, Intl Cpyrght All Rights Res   |
| File | 8:Ei Compendex(R) 1970-2005/Oct W5                | (c) 2005 Elsevier Eng. Info. Inc.            |
| File | 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W5    | (c) 2005 Inst for Sci Info                   |
| File | 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec      | (c) 1998 Inst for Sci Info                   |
| File | 35:Dissertation Abs Online 1861-2005/Oct          | (c) 2005 ProQuest Info&Learning              |
| File | 65:Inside Conferences 1993-2005/Nov W1            | (c) 2005 BLDSC all rts. reserv.              |
| File | 94:JICST-EPlus 1985-2005/Sep W1                   | (c)2005 Japan Science and Tech Corp(JST)     |
| File | 99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct      | (c) 2005 The HW Wilson Co.                   |
| File | 144:Pascal 1973-2005/Oct W5                       | (c) 2005 INIST/CNRS                          |
| File | 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 09 | (c) 2005 The Gale Group                      |



| Set | Items   | Description  |
|-----|---------|--|
| S1  | 1857209 | IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRAPHIC? ?  |
| S2  | 1085930 | PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR SUBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFORM()RESOURCE                             |
| S3  | 34151   | IDENTIFIER? ?  |
| S4  | 12867   | (RANDOM OR PSEUDORANDOM) ()NUMBER? ?   |
| S5  | 12417   | HASH OR DIGEST   |
| S6  | 1       | S1 AND S2 AND S3 AND S4 AND S5   |
| S7  | 3       | S1 AND S2 AND S3 AND S4  |
| S8  | 597     | S1 AND S2 AND S3   |
| S9  | 29824   | S1 (5N) S2   |
| S10 | 169     | S9 AND S3  |
| S11 | 127     | S10 AND IC=(G06F OR H04N)  |
| S12 | 34363   | (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? - OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCOVER?? OR DISCOVERING) (3N) (S9 OR S2) |
| S13 | 973     | (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? - OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCOVER?? OR DISCOVERING) (3N) S9         |
| S14 | 15      | S13 AND S3   |
| S15 | 15      | IDPAT (sorted in duplicate/non-duplicate order)  |
| S16 | 15      | IDPAT (primary/non-duplicate records only)   |
| S17 | 2       | S9 AND S3 AND S4   |
| S18 | 0       | S17 NOT (S6 OR S7 OR S16)  |
| S19 | 12644   | (FIND? ? OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR SEARCH OR SEARCHING) (3N) S1  |
| S20 | 0       | S19 AND S3 AND S4  |
| S21 | 73      | S19 AND (S3 OR S4)   |
| S22 | 0       | S21 AND S5   |
| S23 | 53      | S21 AND IC=(G06F OR H04N)  |
| S24 | 53      | IDPAT (sorted in duplicate/non-duplicate order)  |
| S25 | 53      | IDPAT (primary/non-duplicate records only)   |
| S26 | 52      | S25 NOT (S6 OR S7 OR S16)  |
| S27 | 11      | S19 (5N) (S3 OR S4)  |
| S28 | 11      | IDPAT (sorted in duplicate/non-duplicate order)  |
| S29 | 11      | IDPAT (primary/non-duplicate records only)   |

File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)  
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200572  
(c) 2005 Thomson Derwent

16/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016989461 \*\*Image available\*\*  
WPI Acc No: 2005-313775/200532  
XRPX Acc No: N05-256462

**Image distributing method for use in data processing system, involves inserting image group identifier in dynamic server page having associated images, and inserting dynamic server page client data names for images**

Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )

Inventor: DINH H T; LAKHDIR M A; PHAM P A

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20050080871 | A1   | 20050414 | US 2003682394 | A    | 20031009 | 200532 B |
| CN 1606300     | A    | 20050413 | CN 200456277  | A    | 20040806 | 200554   |

Priority Applications (No Type Date): US 2003682394 A 20031009

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

|                |    |    |             |  |
|----------------|----|----|-------------|--|
| US 20050080871 | A1 | 22 | G06F-015/16 |  |
|----------------|----|----|-------------|--|

|            |   |  |             |  |
|------------|---|--|-------------|--|
| CN 1606300 | A |  | H04L-029/00 |  |
|------------|---|--|-------------|--|

Abstract (Basic): US 20050080871 A1

NOVELTY - The method involves receiving a request for a dynamic server page having a multiplicity of associated images, where each **image** includes a storage **location identified** in the dynamic server page by an image resource locator. An image group **identifier** is inserted in the dynamic server page for the images. Dynamic server page client data names are inserted for the images.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a system for distributing images in a data processing system

(B) a computer program product for distributing images in a data processing system.

USE - Used for distributing images for dynamic server pages in a data processing system including personal computer, mainframe, personal digital assistant (PDA), mobile telephone, laptop computer, wire and wireless communication devices, where the system is used over Internet, Intranet, local area network (LAN) and wide area network (WAN).

ADVANTAGE - The method allows images to be replaced with new images, so that all images in a predefined group can be downloaded to browsers or clients at same time, thereby greatly reducing data communications connection burden of communicating images for display through dynamic server pages.

DESCRIPTION OF DRAWING(S) - The drawing shows a data flow diagram illustrating a method for distributing images in a data processing system.

Browser (108)

User interface (118)

Document (306)

Images (312)

Server (314)

pp; 22 DwgNo 3/8

Title Terms: IMAGE; DISTRIBUTE; METHOD; DATA; PROCESS; SYSTEM; INSERT;  
IMAGE; GROUP; IDENTIFY; DYNAMIC; SERVE; PAGE; ASSOCIATE; IMAGE; INSERT;  
DYNAMIC; SERVE; PAGE; CLIENT; DATA; NAME; IMAGE

Derwent Class: T01

International Patent Class (Main): G06F-015/16; H04L-029/00

File Segment: EPI

16/5/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016261270 \*\*Image available\*\*  
WPI Acc No: 2004-419164/200439  
XRPX Acc No: N04-332734

**Digital image handling method for use in retail environment, involves determining location of item identifier by extracting item identifier from image and selectively processing identifier**

Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )  
Inventor: DORAI C; JAIN G; STERN E H  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20040099741 | A1   | 20040527 | US 2002307099 | A    | 20021126 | 200439 B |
| JP 2004178560  | A    | 20040624 | JP 2003355713 | A    | 20031015 | 200441   |

Priority Applications (No Type Date): US 2002307099 A 20021126

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20040099741 | A1   |     | 17 | G06K-005/04 |              |
| JP 2004178560  | A    |     | 21 | G06K-007/10 |              |

Abstract (Basic): US 20040099741 A1

NOVELTY - The method involves capturing an image having an item **identifier** such as bar code information and locating the item **identifier**. The **identifier** is located by automatically determining the location of the item **identifier** and extracting the item **identifier** from the image. The item **identifier** is selectively processed and is transmitted to a remote location.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a system for handling digital images

(b) a program storage device readable by machine having a program of instructions for causing the machine to execute a method for handling an image at a digital image capture device.

USE - Used in a retail environment for handling an image at a digital image capture device (claimed) e.g. scanner and camera attached to a cellular phone or digital communication device e.g. personal digital assistant.

ADVANTAGE - The **determination** of actual **image location** reduces the size of the actual image required to be transmitted across the network, thereby reducing the time required to transfer the extracted image information, or a compressed version of the extracted image information along a network. The method allows the user to designate the image area of interest within an image as the item **identifier** for further viewing or processing.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of process steps for segmenting multiple barcode **identifiers** in an image.

pp; 17 DwgNo 4/11

Title Terms: DIGITAL; IMAGE; HANDLE; METHOD; RETAIL; ENVIRONMENT; DETERMINE  
; LOCATE; ITEM; IDENTIFY; EXTRACT; ITEM; IDENTIFY; IMAGE; SELECT; PROCESS  
; IDENTIFY

Derwent Class: T01; T04

International Patent Class (Main): G06K-005/04; G06K-007/10

International Patent Class (Additional): G06K-009/32

File Segment: EPI

16/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014705696 \*\*Image available\*\*  
WPI Acc No: 2002-526400/200256  
XRPX Acc No: N02-416570

Path determining system for computer graphic system, generates secondary graphical diagram based on path through particular portion of primary diagram so that displayed diagram indicates path segments traversed by path

Patent Assignee: COREL INC (CORE-N)  
Inventor: MERKLE B E; SIMMONS C R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 6396488 | B1   | 20020528 | US 99226176 | A    | 19990104 | 200256 B |

Priority Applications (No Type Date): US 99226176 A 19990104

Patent Details:

| Patent No  | Kind | Lan | Pg          | Main IPC | Filing Notes |
|------------|------|-----|-------------|----------|--------------|
| US 6396488 | B1   | 13  | G06F-003/14 |          |              |

Abstract (Basic): US 6396488 B1

NOVELTY - A processor executes an application to determine a path through a portion of graphical diagram and to record path information comprising an **identifier** for each shape traversed by the path. The processor generates and displays secondary diagram having several shapes, based on path information such that the display indicates the selected path segments traversed by the path between the shapes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Path determination method; and
- (2) Path determining program.

USE - For determining path in graphical diagram produced using computer graphic system.

ADVANTAGE - The system aids the user to make path-based decisions and clarifies the process of navigating a large or complex graphical diagram. The system allows the user to focus a particular portion of large or complex diagram as new diagram is simplified and easier to understand.

DESCRIPTION OF DRAWING(S) - The figure shows the graphical user interface in path determining system.

pp; 13 DwgNo 2B/5

Title Terms: PATH; DETERMINE; SYSTEM; COMPUTER; GRAPHIC; SYSTEM; GENERATE; SECONDARY; GRAPHICAL; DIAGRAM; BASED; PATH; THROUGH; PORTION; PRIMARY; DIAGRAM; SO; DISPLAY; DIAGRAM; INDICATE; PATH; SEGMENT; TRAVERSE; PATH

Derwent Class: T01

International Patent Class (Main): G06F-003/14

File Segment: EPI

16/5/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014213217 \*\*Image available\*\*  
WPI Acc No: 2002-033914/200204  
Related WPI Acc No: 2001-535018; 2002-146908; 2002-238334; 2002-402437;  
2003-267319; 2004-355049  
XRPX Acc No: N02-026118

Road sign location determination method involves storing image  
frame portions of common road sign depicted in one of the image frames  
Patent Assignee: FACET TECHNOLOGY CORP (FACE-N)  
Inventor: LAUMEYER R A; RETTERATH J E  
Number of Countries: 001 Number of Patents: 002  
Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20010043718 | A1   | 20011122 | US 98177836   | A    | 19981023 | 200204 B |
|                |      |          | US 2001812753 | A    | 20010320 |          |
| US 6453056     | B2   | 20020917 | US 98177836   | A    | 19981023 | 200269   |
|                |      |          | US 2001812753 | A    | 20010320 |          |

Priority Applications (No Type Date): US 98177836 A 19981023; US 2001812753  
A 20010320

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes   |
|----------------|------|-----|----|-------------|--|
| US 20010043718 | A1   |     | 21 | G06K-009/00 | Cont of application US 98177836<br>Cont of patent US 6266442 |
| US 6453056     | B2   |     |    | G06K-009/00 | Cont of application US 98177836<br>Cont of patent US 6266442 |

Abstract (Basic): US 20010043718 A1

NOVELTY - Image frames that depict a common road sign and which correspond to an **identifier** tag, are received. The image frames are processed by a fuzzy logic color filter. The image frame portions of the common road sign depicted in one of the image frames which is linked to at least one of the camera number, image frame number or a camera orientation direction used for recording, are stored in a memory.

USE - For recognizing and organizing data relating to signs adjacent to rail road, nature trailways, recreational vehicle paths, commercial signage, utility poles, pipelines, billboards, manholes and other objects.

ADVANTAGE - Enables precisely recognizing and accurately locating different objects.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the road sign location determination apparatus.

pp; 21 DwgNo 1/7

Title Terms: ROAD; SIGN; LOCATE; DETERMINE; METHOD; STORAGE; IMAGE; FRAME;  
PORTION; COMMON; ROAD; SIGN; DEPICTED; ONE; IMAGE; FRAME

Derwent Class: T01; T04; T07; W06

International Patent Class (Main): G06K-009/00

File Segment: EPI

16/5/10 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014094122

WPI Acc No: 2001-578336/200165

Related WPI Acc No: 1998-450516; 2000-208281; 2000-414848; 2002-224597

XPX Acc No: N01-430252

**Apparatus for decoding an image including a portion of 2D address codes determines the orientation of the portion and translates the address codes into a discrete pointer identifying the portion**

Patent Assignee: XEROX PARC (XERO )

Inventor: CHANG K H P; FLORES L N; HECHT D L; JARED D A; STEARNS R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 6208771 | B1   | 20010327 | US 96772158 | A    | 19961220 | 200165 B |
|            |      |          | US 98144518 | A    | 19980831 |          |

Priority Applications (No Type Date): US 98144518 A 19980831; US 96772158 A 19961220

Patent Details:

| Patent No  | Kind | Lan | Pg          | Main IPC           | Filing Notes |
|------------|------|-----|-------------|--------------------|--------------|
| US 6208771 | B1   | 44  | G06K-009/54 | CIP of application | US 96772158  |

Abstract (Basic): US 6208771 B1

NOVELTY - A captured image is processed to determine the orientation of a portion of 2D **address** codes by analyzing the **image** to **determine** values at discrete **locations** within the portion. The values at each location form a matrix and are correlated to determine an orientation of the portion of address codes. The values can be further analyzed to determine a discrete pointer that identifies the location of the portion within the address space defined by the address codes. A self-clocking glyph code is preferred.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a method of decoding an image.

USE - Decoding **identifiers** attached to 3D objects, e.g. using a look up table registering objects or files against spatial addresses.

ADVANTAGE - Computationally efficient.

pp; 44 DwgNo 0/31

Title Terms: APPARATUS; DECODE; IMAGE; PORTION; ADDRESS; CODE; DETERMINE; ORIENT; PORTION; TRANSLATION; ADDRESS; CODE; DISCRETE; POINT; IDENTIFY; PORTION

Derwent Class: T01; T04

International Patent Class (Main): G06K-009/54

International Patent Class (Additional): G06K-009/36; G06K-009/80; G06K-019/06

File Segment: EPI

16/5/11 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012470769 \*\*Image available\*\*  
WPI Acc No: 1999-276877/199923  
Related WPI Acc No: 1998-260883  
XRPX Acc No: N99-207592

**Digital image processing method in graphic database - involves storing text, digital file identifier and administration file information respectively to data section, footer and header of binary file**

Patent Assignee: STERN Y (STER-I)

Inventor: STERN Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 5896462 | A    | 19990420 | US 94318044 | A    | 19941004 | 199923 B |
|            |      |          | US 96664211 | A    | 19960611 |          |

Priority Applications (No Type Date): US 96664211 A 19960611; US 94318044 A 19941004

Patent Details:

| Patent No  | Kind | Lan | Pg          | Main IPC                       | Filing Notes |
|------------|------|-----|-------------|--------------------------------|--------------|
| US 5896462 | A    | 10  | G06K-009/00 | CIP of application US 94318044 |              |

Abstract (Basic): US 5896462 A

NOVELTY - Geometrical definition and **location** of an element within digital **image** are **determined**. If element includes at least one word, text and geometrical definition of text of element are stored to data section of binary file. If element includes at least one image, then digital file **identifier** and geometrical definition of image of element are stored in the footer of the binary file. DETAILED DESCRIPTION - The administrative file information pertaining to the digital file is stored in the header of the binary file. The mapping of the element to the binary file is done manually or automatically. The mapping is done using OCR technology or algorithm for recognizing gutters between columns or algorithm for recognizing an article by its size or algorithm for recognizing additional graphic elements relating to an individual element. INDEPENDENT CLAIMS are included for the following. element retrieving method; element storing method.

USE - For identifying digital image element from database.

ADVANTAGE - As extensive computer resources are not needed, cost is reduced. Moreover retrieval, update and sorting of data are performable. DESCRIPTION OF DRAWING(S) - The diagram shows the flow chart showing the steps associated with searching and retrieving an element from graphic database.

Dwg.4/4

Title Terms: DIGITAL; IMAGE; PROCESS; METHOD; GRAPHIC; DATABASE; STORAGE; TEXT; DIGITAL; FILE; IDENTIFY; ADMINISTER; FILE; INFORMATION; RESPECTIVE; DATA; SECTION; HEADER; BINARY; FILE

Derwent Class: T01

International Patent Class (Main): G06K-009/00

File Segment: EPI

16/5/12 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

010927863 \*\*Image available\*\*  
WPI Acc No: 1996-424814/199642  
Related WPI Acc No: 1998-041442  
XRPX Acc No: N96-357692

**Graphic object selecting method on display screen - involves determining unique item identifiers which is assigned to each one of graphic objects, and therefore assigned to each display location**

Patent Assignee: HEWLETT-PACKARD CO (HEWP )  
Inventor: BLAHO B E; MONTGOMERY K M  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 5555003 | A    | 19960910 | US 9345925  | A    | 19930412 | 199642 B |
|            |      |          | US 95417183 | A    | 19950405 |          |
| JP 3481296 | B2   | 20031222 | JP 9473531  | A    | 19940412 | 200401   |

Priority Applications (No Type Date): US 9345925 A 19930412; US 95417183 A 19950405

Patent Details:

| Patent No  | Kind | Lan | Pg          | Main IPC                         | Filing Notes |
|------------|------|-----|-------------|----------------------------------|--------------|
| US 5555003 | A    | 18  | G09G-005/08 | Cont of application US 9345925   |              |
| JP 3481296 | B2   | 20  | G06T-011/80 | Previous Publ. patent JP 7114647 |              |

Abstract (Basic): US 5555003 A

The method involves creating an item buffer with a storage location corresponding to each display location on the graphics display screen. A unique item **identifiers** is assigned to each of the graphic objects displayed on the graphics display screen. **Graphic** objects displayed at each display **location** on the **graphics** display screen are **determined**. The unique item **identifiers** which is assigned to each one of the graphic objects, and therefore assigned to each display location are determined. The unique item **identifiers** are stored in the item buffer storage locations

ADVANTAGE - Allows selecting, or picking of graphic object being displayed on display screen. Uses item buffer for selecting graphics object.

Dwg.1/10

Title Terms: GRAPHIC; OBJECT; SELECT; METHOD; DISPLAY; SCREEN; DETERMINE; UNIQUE; ITEM; IDENTIFY; ASSIGN; ONE; GRAPHIC; OBJECT; ASSIGN; DISPLAY; LOCATE

Derwent Class: P85; T01; T04

International Patent Class (Main): G06T-011/80; G09G-005/08

File Segment: EPI; EngPI



16/5/13 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

010123138 \*\*Image available\*\*  
WPI Acc No: 1995-024389/199504  
XRPX Acc No: N95-018910

**Image frame detection method in automated photographic film handling -  
identifying locations of respective image frames contained on  
photographic film strip by storing scan-line data to generate predictor  
space for identifying frame locations**

Patent Assignee: EASTMAN KODAK CO (EAST )

Inventor: MITCH J

Number of Countries: 005 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| EP 629903   | A2   | 19941221 | EP 94109121 | A    | 19940614 | 199504 B |
| US 5414779  | A    | 19950509 | US 9376592  | A    | 19930614 | 199524   |
| JP 7121686  | A    | 19950512 | JP 94130694 | A    | 19940613 | 199528   |
| EP 629903   | A3   | 19950712 | EP 94109121 | A    | 19940614 | 199612   |
| EP 629903   | B1   | 20030312 | EP 94109121 | A    | 19940614 | 200319   |
| DE 69432239 | E    | 20030417 | DE 632239   | A    | 19940614 | 200333   |
|             |      |          | EP 94109121 | A    | 19940614 |          |

Priority Applications (No Type Date): US 9376592 A 19930614

Cited Patents: No-SR.Pub; DE 3714020; EP 516055

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC                      | Filing Notes              |
|-------------|------|-----|----|-------------------------------|---------------------------|
| EP 629903   | A2   | E   | 31 | G03B-027/62                   |                           |
|             |      |     |    | Designated States (Regional): | DE FR GB                  |
| US 5414779  | A    |     | 22 | G06K-009/00                   |                           |
| JP 7121686  | A    |     | 20 | G06T-001/00                   |                           |
| EP 629903   | A3   |     |    | G03B-027/62                   |                           |
| EP 629903   | B1   | E   |    | G03B-027/62                   |                           |
|             |      |     |    | Designated States (Regional): | DE FR GB                  |
| DE 69432239 | E    |     |    | G03B-027/62                   | Based on patent EP 629903 |

Abstract (Basic): EP 629903 A

The method of detecting the locations of respective image frames contained on an image recording medium involves scanning the image recording medium to produce data representing the contents of successive scan lines of the image recording medium, processing the scan data to generate a predictor space for frame **identifiers** and producing a series of thresholds based upon the predictor space and a series of predetermined statistics.

All the well formed image frames are determined based upon the thresholds and the determined well formed image frames are used to produce frame statistics which are used to detect the location of image frames other than the well formed image frames.

USE/ADVANTAGE - Frame detection for locating positions of respective images. Allows greater sensitivity.

Dwg.1/26

Title Terms: IMAGE; FRAME; DETECT; METHOD; AUTOMATIC; PHOTOGRAPH; FILM;  
HANDLE; IDENTIFY; LOCATE; RESPECTIVE; IMAGE; FRAME; CONTAIN; PHOTOGRAPH;  
FILM; STRIP; STORAGE; SCAN; LINE; DATA; GENERATE; PREDICT; SPACE;  
IDENTIFY; FRAME; LOCATE

Derwent Class: P82; S06; T04

International Patent Class (Main): G03B-027/62; G06K-009/00; G06T-001/00

International Patent Class (Additional): G01B-011/00; G06T-007/60;

H04N-005/76

File Segment: EPI; EngPI

16/5/15 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

007550491 \*\*Image available\*\*  
WPI Acc No: 1988-184423/198827  
XRPX Acc No: N88-140914

**Office automation system with integrated image management - has  
relational data base to organise stored images, providing flexible access  
and avoiding reconfiguration of storage system**

Patent Assignee: WANG LAB INC (WANG )  
Inventor: BARRETT R M; EDELBERG M; NICHOLLS J A; OBRIEN C J; SILVER B R  
Number of Countries: 008 Number of Patents: 007  
Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| EP 273435   | A    | 19880706 | EP 87119282 | A    | 19871229 | 198827 B |
| JP 63173165 | A    | 19880716 |             |      |          | 198834   |
| AU 8780939  | A    | 19880714 |             |      |          | 198842   |
| US 4918588  | A    | 19900417 | US 86948375 | A    | 19861231 | 199020   |
| CA 1282178  | C    | 19910326 |             |      |          | 199117   |
| EP 273435   | B1   | 19950322 | EP 87119282 | A    | 19871229 | 199516   |
| DE 3751187  | G    | 19950427 | DE 3751187  | A    | 19871229 | 199522   |
|             |      |          | EP 87119282 | A    | 19871229 |          |

Priority Applications (No Type Date): US 86948375 A 19861231  
Cited Patents: 3.Jnl.Ref; A3...9146; EP 156923; EP 170469; EP 230616;  
No-SR.Pub

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC                                  | Filing Notes              |
|------------|------|-----|----|---|---------------------------|
| EP 273435  | A    | E   | 21 |   |                           |
|            |      |     |    | Designated States (Regional): BE DE FR GB |                           |
| EP 273435  | B1   | E   | 28 | G06F-017/30                               |                           |
|            |      |     |    | Designated States (Regional): BE DE FR GB |                           |
| DE 3751187 | G    |     |    | G06F-017/30                               | Based on patent EP 273435 |

Abstract (Basic): EP 273435 A

The image management system has a relational data base system (310) and several document locator data bases (382), each for use by the relational data base system for determining a media address for an image document from a logical document **identifier**. An image system data base (380) is provided for use by the relational data base system for determining a physical device address from a media address.

The media address refers to one of several different storage media and the image system data base includes a table for each type of bulk image storage medium.

ADVANTAGE - Reduced data base records.

3/6

Title Terms: OFFICE; AUTOMATIC; SYSTEM; INTEGRATE; IMAGE; MANAGEMENT;  
RELATED; DATA; BASE; ORGANISE; STORAGE; IMAGE; FLEXIBLE; ACCESS; AVOID;  
RECONFIGURE; STORAGE; SYSTEM

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-013/00; G06F-015/40;

H04N-001/21

File Segment: EPI

25/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

017280410 \*\*Image available\*\*  
WPI Acc No: 2005-604038/200562  
XRPX Acc No: N05-495446

**Reference picture determining method for interprediction of macroblock, involves finding co-located picture and block, determining reference index and mapping it to lowest valued reference index, and determining another index**

Patent Assignee: LSI LOGIC CORP (LSIL-N)  
Inventor: BOOTH S; LEUNG H; LINZER E N; WINGER L L  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20050185713 | A1   | 20050825 | US 2004785273 | A    | 20040224 | 200562 B |

Priority Applications (No Type Date): US 2004785273 A 20040224

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20050185713 | A1   |     | 8  | H04N-007/12 |              |

Abstract (Basic): US 20050185713 A1

NOVELTY - The method involves **finding a co-located picture** and block. The **co-located picture** is a reference picture used for direct mode prediction. A reference index is determined and mapped to a lowest valued reference index in a current reference list. A unique **identifier** for each reference picture is stored. Another reference index is determined by using the former reference index.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a reference picture determining apparatus used for inter-prediction of a block.

USE - Used for determining a reference picture for an interprediction of a macroblock.

ADVANTAGE - The method provides the potential for increasing coding efficiency of B-frames and provides flexibility to an encoder to be able to use a truly interpolative direct-mode prediction along with an arbitrary choice for the picture referred by the reference index.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of an implementation of reference picture determining method.

pp; 8 DwgNo 1/4

Title Terms: REFERENCE; PICTURE; DETERMINE; METHOD; FINDER; CO; LOCATE; PICTURE; BLOCK; DETERMINE; REFERENCE; INDEX; MAP; LOW; VALUE; REFERENCE; INDEX; DETERMINE; INDEX

Derwent Class: W04

International Patent Class (Main): H04N-007/12

File Segment: EPI

25/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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017121430 \*\*Image available\*\*  
WPI Acc No: 2005-445773/200546  
XRPX Acc No: N05-362252

**Positioning vulnerable water print generating and recognizing method  
capable of distigushing image and watermark distortion**

Patent Assignee: UNIV XIAN JIAOTONG (UYXI-N)  
Inventor: DAI H; HE H; ZHANG J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No  | Kind | Date     | Applicat No  | Kind | Date     | Week     |
|------------|------|----------|--------------|------|----------|----------|
| CN 1598877 | A    | 20050323 | CN 200440433 | A    | 20040812 | 200546 B |

Priority Applications (No Type Date): CN 200440433 A 20040812

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| CN 1598877 | A    |        | G06T-001/00 |              |

Abstract (Basic): CN 1598877 A

NOVELTY - The invention discloses orientation flimsy watermark generating and certificating method which can distinguish image and juggled watermark. Original image's wavelet low frequency coefficient of 4 bitsis scalar quantized and used as watermark. The watermark is disturbed using **random number** to encrypt to improve its security. The encrypted watermark is embedded into LSB bit of original image. Original image's general picture is displayed through original watermark image's low frequency compress image recovered from watermark when certificating. Combining juggled position of **image** information **located** by difference value **images** with difference between image information and juggled watermark, how attacker juggled the image can be directly judged. At the premise of guaranteeing image's authenticity, switch efficiency of digital image is improved, which is helpful for digital images' application and spread. Adopting the invention, the authentication result is direct, visual effect is good, key's space is bigger and watermark algorithm is safer.

DwgNo 1/1

Title Terms: POSITION; VULNERABLE; WATER; PRINT; GENERATE; RECOGNISE;  
METHOD; CAPABLE; IMAGE; WATERMARK; DISTORT  
Derwent Class: T01; W02  
International Patent Class (Main): G06T-001/00  
International Patent Class (Additional): **H04N-001/32**  
File Segment: EPI

25/5/14 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015406889 \*\*Image available\*\*  
WPI Acc No: 2003-469030/200344  
XRPX Acc No: N03-373254

**Tracking system for medical images and associated digital images for  
diagnostic evaluation e.g. mammography studies, using tracking  
identifier to locate required image**

Patent Assignee: ICAD INC (ICAD-N)  
Inventor: GUSTAFSON G; SALLAM M Y; WOODS K S  
Number of Countries: 102 Number of Patents: 003  
Patent Family:

| Patent No      | Kind | Date     | Applicat No    | Kind | Date     | Week     |
|----------------|------|----------|----------------|------|----------|----------|
| WO 200346796   | A2   | 20030605 | WO 2002US37113 | A    | 20021120 | 200344 B |
| US 20030110178 | A1   | 20030612 | US 2001331784  | P    | 20011121 | 200355   |
|                |      |          | US 2002292514  | A    | 20021113 |          |
| AU 2002348300  | A1   | 20030610 | AU 2002348300  | A    | 20021120 | 200419   |

Priority Applications (No Type Date): US 2001331784 P 20011121; US  
2002292514 A 20021113

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|              |    |   |    |             |  |
|--------------|----|---|----|-------------|--|
| WO 200346796 | A2 | E | 37 | G06F-019/00 |  |
|--------------|----|---|----|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ OM  
PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU  
ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW  
US 20030110178 A1 G06F-007/00 Provisional application US 2001331784

AU 2002348300 A1 G06F-019/00 Based on patent WO 200346796

Abstract (Basic): WO 200346796 A2

NOVELTY - A server receives and processes a medical image request which includes a tracking **identifier** for a medical image, and retrieves at least one of a number of digitized medical images or CAD images associated with the medical images, from a storage device using the tracking **identifier**.

DETAILED DESCRIPTION - The system for tracking medical images and associated digital images for diagnostic evaluation, includes a scanner for digitizing one or more medical images defining a case, to produce one or more digitized medical images, and for reading a machine-readable tracking **identifier** attached to each medical image of the case. A server associates the tracking **identifier** with one or more digitized medical images and one or more computer-aided diagnostic (CAD) images, in which the CAD images correspond to the digitized medical images that are processed using a CAD algorithm. A storage device stores the associated tracking **identifier**, the medical images and the CAD images. The server receives and processes a medical image request including the tracking **identifier**, to retrieve at least one of the digitized medical images or CAD images from the storage device using the tracking **identifier**.

An INDEPENDENT CLAIM is included for a method of scanning and tracking medical images using a scanning system.

USE - Processing medical films and tracking associated digital images, for tracking a patient's radiological study for computer-aided analysis and clinical review e.g. in mammography.

ADVANTAGE - Provides a reliable system for processing radiological films and correctly associating the films with corresponding CAD analysis by generating tracking information for a particular study e.g.

mammography studies consisting of 4 X-ray mammograms.

DESCRIPTION OF DRAWING(S) - The drawing shows a flowchart showing the method for processing, tracking and retrieving mammograms according to an embodiment of the invention.

pp; 37 DwgNo 4/13

Title Terms: TRACK; SYSTEM; MEDICAL; IMAGE; ASSOCIATE; DIGITAL; IMAGE;  
DIAGNOSE; EVALUATE; MAMMOGRAPHY; STUDY; TRACK; IDENTIFY; LOCATE; REQUIRE;  
IMAGE

Derwent Class: S03; S05; T01

International Patent Class (Main): G06F-007/00 ; G06F-019/00

File Segment: EPI

29/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016951828 \*\*Image available\*\*  
WPI Acc No: 2005-276137/200529  
XRPX Acc No: N05-226848

**Image forming device e.g. copier, divides stored image data and searches  
required image data based on attribute information added to image data,  
so that image data is output from another device**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2005081618 | A    | 20050331 | JP 2003314271 | A    | 20030905 | 200529 B |

Priority Applications (No Type Date): JP 2003314271 A 20030905

Patent Details:

| Patent No     | Kind | Lan Pg | Main IPC    | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2005081618 | A    | 10     | B41J-029/38 |              |

Abstract (Basic): JP 2005081618 A

NOVELTY - A classification unit divides stored image data based on attribute information such as data creation date and data **identifier** added to the **image** data. A **search** unit searches **image** data based on attribute information, so that image data is output from an another image forming device.

USE - E.g. electrophotographic-type inkjet printer, copier connected to server for recording image data such as advertisement data related to shop, hotel and leisure facilities in theme park and garden.

ADVANTAGE - Identifies recommendation information from the stored image data reliably, thereby improving operability and convenience in utilization of the image forming device.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the copier.

document feeder (1)  
scanner (2)  
printer unit (3)  
operating unit (4)  
display section (5)  
pp; 10 DwgNo 1/6

Title Terms: IMAGE; FORMING; DEVICE; COPY; DIVIDE; STORAGE; IMAGE; DATA; SEARCH; REQUIRE; IMAGE; DATA; BASED; ATTRIBUTE; INFORMATION; ADD; IMAGE; DATA; SO; IMAGE; DATA; OUTPUT; DEVICE

Derwent Class: P75; P84; S06; T01; T04

International Patent Class (Main): B41J-029/38

International Patent Class (Additional): G03G-021/00; G03G-021/02;

G06F-003/12; G07F-017/26; H04N-001/00

File Segment: EPI; EngPI

| Set   | Items  | Description  |
|---|--------|--|
| S1  | 616756 | IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRAPHIC? ?  |
| S2  | 826309 | PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR SUBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFORM()RESOURCE                     |
| S3  | 85901  | IDENTIFIER? ?  |
| S4  | 12300  | (RANDOM OR PSEUDORANDOM)()NUMBER? ?  |
| S5  | 33278  | HASH OR DIGEST   |
| S6  | 0      | S1 (30N) S2 (30N) S3 (30N) S4 (30N) S5   |
| S7  | 19     | S1 (30N) S2 (30N) S3 (30N) S4  |
| S8  | 19     | IDPAT (sorted in duplicate/non-duplicate order)  |
| S9  | 18     | IDPAT (primary/non-duplicate records only)   |
| S10   | 90059  | (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? - OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCOVER?? OR DISCOVERING) (3N) S2 |
| S11   | 4828   | S10 (10N) S1   |
| S12   | 3107   | S10 (5N) S1  |
| S13   | 23     | S12 (10N) S3   |
| S14   | 23     | IDPAT (sorted in duplicate/non-duplicate order)  |
| S15   | 23     | IDPAT (primary/non-duplicate records only)   |
| S16   | 23     | S15 NOT S9   |
| S17   | 16     | S16 AND IC=(G06F OR H04N)  |
| S18   | 0      | S12 (10N) S4   |
| File 348:EUROPEAN PATENTS 1978-2005/Oct W05             |        |  |
| (c) 2005 European Patent Office                         |        |  |
| File 349:PCT FULLTEXT 1979-2005/UB=20051110,UT=20051103 |        |  |
| (c) 2005 WIPO/Univentio                                 |        |  |



9/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01338828

PROTECTING CONTENT FROM ILLICIT REPRODUCTION BY PROOF OF EXISTENCE OF A  
COMPLETE DATA SET VIA SELF-REFERENCING SECTIONS  
SCHUTZ EINES INHALTS VOR UNRECHTMÄSSIGER WIEDERGABE DURCH DEN  
EXISTENZBEWEIS EINES KOMPLETTEN DATENSATZES MIT HILFE VON  
SELBSTREFERENZIERENDEN SEKTIONEN  
PROTECTION DE CONTENU CONTRE LA REPRODUCTION ILLICITE PAR PREUVE DE  
L'EXISTENCE D'UN ENSEMBLE DE DONNEES COMPLET VIA DES SECTIONS A  
RAISONNEMENT AUTOREFERENTIEL

PATENT ASSIGNEE:

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ROSNER, Martin, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)  
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PATENT (CC, No, Kind, Date): EP 1185957 A2 020313 (Basic)

EP 1185957 B1 050202

WO 2001059705 010816

APPLICATION (CC, No, Date): EP 2001903653 010117; WO 2001EP477 010117

PRIORITY (CC, No, Date): US 180838 P 000207; US 536944 000328

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06T-001/00

CITED PATENTS (EP B): EP 840513 A; WO /39953 A; WO 99/45704 A

CITED REFERENCES (EP B):

MAES M ET AL: "EXPLOITING SHIFT INVARIANCE TO OBTAIN A HIGH PAYLOAD IN  
DIGITAL IMAGE WATERMARKING" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE  
ON MULTIMEDIA COMPUTING AND SYSTEMS, June 1999 (1999-06), pages 7-12,  
XP000939264 Eindhoven, The Netherlands;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011010 A2 International application. (Art. 158(1))

Application: 011010 A2 International application entering European  
phase

Application: 020313 A2 Published application without search report

Examination: 020828 A2 Date of request for examination: 20020620

Examination: 040407 A2 Date of dispatch of the first examination  
report: 20040219

Grant: 050202 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B                           | (English) | 200505 | 926        |
| CLAIMS B                           | (German)  | 200505 | 892        |
| CLAIMS B                           | (French)  | 200505 | 1066       |
| SPEC B                             | (English) | 200505 | 4776       |
| Total word count - document A      |           |        | 0          |
| Total word count - document B      |           |        | 7660       |
| Total word count - documents A + B |           |        | 7660       |

...SPECIFICATION comprise other sample songs that are provided to encourage  
the sale of other albums, or **images** and video sections related to the  
recorded content material. Similarly, promotional material, such as

Internet...

...accordance with this invention, the encoder 110 includes a binder 116 that creates a unique **identifier** for each section, and an **identifier** for the entirety of the data set. In a preferred embodiment, the **identifier** of each section is the **address** that is used for accessing the particular section. The data set **identifier** can be any somewhat-unique **identifier** that reduces the likelihood of different data sets having the same **identifier**, thereby reducing the likelihood of an illicit substitution of sections from different data sets. In a preferred embodiment, for example, the data set **identifier** includes a 64 bit **random number**, and a parameter that can be used to determine the total size of the data set. The binder 116 communicates the data set **identifier** and the unique **identifier** of each section to the recorder 114 for recording onto the medium 130.

Preferably, the recorder records the data set **identifier** and the unique **identifier** of each section as one or more watermarks that are embedded in each section. In a preferred embodiment, the section **identifier** and data set **identifier** are encoded as combination of a robust watermark and a fragile watermark. In this manner...

9/5,K/5 (Item 5 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00787462

**Method, apparatus and medium for delivering a processing application linked to data to be processed**

**Verfahren, Gerat und Medium um ein Anwenderprogramm zu liefern, welches mit zu verarbeitenden Daten verbunden ist**

**Methode, appareil et moyen pour fournir une application de traitement liee aux donnees a traiter**

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 733995 A1 960925 (Basic)

APPLICATION (CC, No, Date): EP 96420076 960307;

PRIORITY (CC, No, Date): US 407539 950320

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06T-001/00; G06F-001/00;

ABSTRACT EP 733995 A1

An apparatus and method that stores image data on a disk along with an application program that operates on those images. The application program is limited to interacting with only the images on the disk. This interaction limitation is accomplished by creating a unique signature for each image from the data of the image and including that signature in the application. Prior to executing image processing operations on any retrieved image the application checks the signature of the image with the signature in the application and if there is not a match the application program is disabled. (see image in original document)

ABSTRACT WORD COUNT: 121

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 000816 A1 Date application deemed withdrawn: 20000216

Application: 960925 A1 Published application (A1with Search Report  
;A2without Search Report)

Change: 961009 A1 Representative (change)

Examination: 970502 A1 Date of filing of request for examination:  
970228

Examination: 991201 A1 Date of dispatch of the first examination  
report: 19991015

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPAB96 | 337        |
| SPEC A                             | (English) | EPAB96 | 3854       |
| Total word count - document A      |           |        | 4191       |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 4191       |

...SPECIFICATION 66 where the application 66 has been restricted so that save and print operations on **images** cannot be performed. As a result modified images can be only displayed and cannot be...

...the modifications and provide a print, slide, etc. as desired by the user.

The unique **identifier** used by the application to determine whether the application is allowed to process the image can be created in a number of different ways. One method is to use a **random number** generator started with a seed that is specific to the particular **image**. For example, the seed could be arbitrary and assigned to the **image** or could be a particular pixel of the **image**. The **random number** generator generates numbers which select or indicate an arbitrary number of pixel **locations** within the **image**. Of course, the **locations** themselves can be in a fixed **location** controlled by a bit **location** map stored in the application instead of random, as an alternative. It is also possible that all the bits of the signature can be located at a single **location** within the **image**, such as an **image** edge pixel that is normally not noticed by a viewer, and the location can be...

9/5,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00576199

**Multicast communication tree creation and control method and apparatus**  
**Verfahren und Vorrichtung zur Bildung und Steuerung eines**  
**Mehrempfängerübertragungsbaums**  
**Methode et appareil pour la creation et le controle d'un arbre de**  
**communication multidestinataire**

PATENT ASSIGNEE:

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Kaplan, Marc Adam, RFD 5 Holly Hill Lane, Katonah, NY 10536, (US)

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PATENT (CC, No, Kind, Date): EP 575281 A2 931222 (Basic)  
EP 575281 A3 960214  
EP 575281 B1 991117

APPLICATION (CC, No, Date): EP 93480060 930519;

PRIORITY (CC, No, Date): US 900628 920618

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04L-012/18

CITED PATENTS (EP B): EP 180990 A

CITED REFERENCES (EP B):

INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS, ARLINGTON,  
TEXAS, MAY 20 - 24, 1991, no. CONF. 11, 20 May 1991 INSTITUTE OF  
ELECTRICAL AND ELECTRONICS ENGINEERS, pages 231-238, XP 000221861  
AUERBACH J ET AL 'MULTICAST GROUP MEMBERSHIP MANAGEMENT IN HIGH SPEED  
WIDE AREA NETWORKS'

MICROPROCESSORS AND MICROSYSTEMS, vol. 13, no. 9, 1 November 1989 pages  
563-568, XP 000081216 HUGHES L 'SURVEY OF MULTICAST ADDRESS HANDLING  
TECHNIQUES FOR ETHERNET COMMUNICATION CONTROLLERS'

IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATION, vol. 9, no. 9, 1  
December 1991 pages 1427-1439, XP 000267533 SEGALL A ET AL 'RELIABLE  
MULTIUSER TREE SETUP WITH LOCAL IDENTIFIERS';

ABSTRACT EP 575281 A2

In a multicast network communication system, administration of the  
communication path making up the multicast tree itself has been  
separated from control and administration of the network. Creation of a  
multicast distribution tree and control over the membership thereof, is  
separately controlled independently from the creation and use of the  
tree transmission path used to communicate among the members of a  
multicast set. Transmission distribution trees are set up when a  
transmission request is received and the properties of the transmission  
**path** that is required are known. Transmission **paths** are created and  
controlled by all nodes in the communications system, each node having  
necessary control code and processors for responding to requests from  
set members to transmit a message to groups of users by creating and  
activating the necessary tree communication **path** distribution  
linkages. A distribution tree is created by the Tree Leader by  
generating a tree **address** using a **random number** generator. A tree  
**address** correlator is generated utilizing network and node  
**identifiers** unique for the network, and a list of subnodes or users  
connected for each member of the multicast tree set is generated. Using

this information, a tree distribution **path** is computed to cover all of the subnodes required and a tree set up request message is sent by the Tree Leader along a computed **path** to each involved subnode. Each subnode returns a message indicating whether the tree **address** is already in use or is available for use. Successfully negotiated tree **addresses** are marked at the path link initiation and termination points at each node through the network. (see **image** in original document)

ABSTRACT WORD COUNT: 304

NOTE:

Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 001025 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19991117,  
 Application: 931222 A2 Published application (A1with Search Report ;A2without Search Report)  
 Lapse: 020626 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991117, BE 19991117, CH 19991117, LI 19991117, ES 19991117, SE 19991117,  
 Lapse: 001227 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991117, BE 19991117, CH 19991117, LI 19991117,  
 Lapse: 001213 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19991117, CH 20000222, LI 20000222,  
 Oppn None: 001102 B1 No opposition filed: 20000818  
 Lapse: 001220 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991117, BE 19991117, CH 20000222, LI 20000222,  
 Lapse: 020605 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991117, BE 19991117, CH 19991117, LI 19991117, SE 19991117,  
 Examination: 940629 A2 Date of filing of request for examination: 940429  
 Search Report: 960214 A3 Separate publication of the European or International search report  
 Examination: 980617 A2 Date of despatch of first examination report: 980504  
 Grant: 991117 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B                           | (English) | 9946   | 1088       |
| CLAIMS B                           | (German)  | 9946   | 1120       |
| CLAIMS B                           | (French)  | 9946   | 1326       |
| SPEC B                             | (English) | 9946   | 9386       |
| Total word count - document A      |           |        | 0          |
| Total word count - document B      |           |        | 12920      |
| Total word count - documents A + B |           |        | 12920      |

...ABSTRACT are set up when a transmission request is received and the properties of the transmission **path** that is required are known. Transmission **paths** are created and controlled by all nodes in the communications system, each node having necessary...

...transmit a message to groups of users by creating and activating the necessary tree communication **path** distribution linkages. A distribution tree is created by the Tree Leader by generating a tree

**address** using a **random number** generator. A tree **address** correlator is generated utilizing network and node **identifiers** unique for the network, and a list of subnodes or users connected for each member of the multicast tree set is generated. Using this information, a tree distribution **path** is computed to cover all of the subnodes required and a tree set up request message is sent by the Tree Leader along a computed **path** to each involved subnode. Each subnode returns a message indicating whether the tree **address** is already in use or is available for use. Successfully negotiated tree **addresses** are marked at the path link initiation and termination points at each node through the network. (see **image** in original document)

9/5,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00993647 \*\*Image available\*\*

**METHOD AND SYSTEM FOR ASSOCIATING VISUAL INFORMATION WITH TEXTUAL INFORMATION**

**PROCEDE ET SYSTEME PERMETTANT D'ASSOCIER DES INFORMATIONS VISUELLES A DES INFORMATIONS TEXTUELLES**

Patent Applicant/Inventor:

ELIN Gregory, 4 Wilde Place, Montclair, NJ 07042, US, US (Residence), US  
(Nationality)

Legal Representative:

BUFALINO Angelo J (agent), Vedder Price Kaufman & Kammholz, 222 N.  
LaSalle Street, Chicago, IL 60601, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200323631 A1 20030320 (WO 0323631)

Application: WO 2002US28655 20020910 (PCT/WO US0228655)

Priority Application: US 2001318442 20010910

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6112

**English Abstract**

A method for associating visual information with textual information including selecting an object from a visual representation (1200); creating a unique identifier associating the selected object with the visual representation (1210); creating meta-data for the selected object (1220), the meta-data including textual information providing an interrelationship between the selected object and the visual representation; and associating the meta-data with the selected object separate from the visual representation (1230). A system for associating visual information with textual information includes at least one processor; and a memory, coupled to the at least one processor, the memory including instructions that when executed by the at least one processor, cause the at least one processor to select an object from a visual representation, create a unique identifier associating the selected object with the visual representation, create meta-data for the selected object, the meta-data including textual information providing an interrelationship between the selected object and the visual representation, and associating the meta-data with the selected object separate from the visual representation.

**French Abstract**

L'invention concerne un procede permettant d'associer des informations visuelles a des informations textuelles. Ce procede consiste a selectionner un objet a partir d'une representation visuelle (1200), a creer un identificateur unique en associant l'objet selectionne a ladite representation visuelle (1210), a creer des metadonnees pour l'objet selectionne (1220), ces metadonnees contenant des informations textuelles



qui etablissent une relation entre l'objet selectionne et la representation visuelle, et a associer ces metadonnees a l'objet selectionne separe de la representation visuelle (1230). Cette invention concerne egalement un systeme permettant d'associer des informations visuelles a des informations textuelles. Ce systeme comprend au moins un processeur et une memoire, reliee a ce processeur. Cette memoire contient des instructions qui, lorsqu'elles sont executees par ledit processeur, entrainent ce processeur a selectionner un objet a partir d'une representation visuelle, a creer un identificateur unique en associant l'objet selectionne a la representation visuelle, a creer des metadonnees pour l'objet selectionne, ces metadonnees contenant des informations textuelles qui etablissent une relation entre l'objet selectionne et la representation visuelle, et a associer ces metadonnees a l'objet selectionne separe de la representation visuelle.

Legal Status (Type, Date, Text)

Publication 20030320 A1 With international search report.

Examination 20030710 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:  
Detailed Description

#### Detailed Description

... captured as is needed. That is, each selected object 400, 420 has a w-iique **identifie**r 410, 430 assigned either manually or automatically by a suitable algorithm, for example, a Universal Unique **Identifie**r (UUID) generation routine that combines a time stamp with a **random number** generator or a unique **location** string. The amount of data stored for the creation of selected objects is not fixed...a selected object created from digital video differently than that necessary to store a digitized **photograph** . This data generally may include, for example, one or more unique **identifiers** of the source visual representation, coordinate registration information identifying the position of a selected  
7...

9/5,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00977561 \*\*Image available\*\*

**METHOD AND APPARATUS FOR RANDOM FORCED INTRA-REFRESH IN DIGITAL IMAGE AND VIDEO CODING**

**PROCEDE ET APPAREIL POUR RAFRAICHISSEMENT INTRA FORCE ALEATOIRE DANS UNE IMAGE NUMERIQUE ET UN CODAGE VIDEO**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

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NICOZISIN David, 1718 N. Hermitage Avenue, #2, Chicago, IL 60622, US,

Legal Representative:

HAAS Kenneth A (et al) (agent), Motorola, Inc., Intellectual Property  
Dept., 1303 East Algonquin Road, Schaumburg, IL 60196, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200307605 A1 20030123 (WO 0307605)

Application: WO 2002US21988 20020709 (PCT/WO US0221988)

Priority Application: US 2001902438 20010710

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-007/12

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5601

**English Abstract**

A method and apparatus (500) for reducing error propagation (Fig. 1) in digital video signals using random forced intra-refresh of macroblocks (509). One or more predetermined regions are defined for each digital video frame. Within each predetermined region, a number of macroblocks are selected according to a random permutation of the macroblocks within the region. The selected macroblocks are intra-coded, while the remaining macroblocks are coded according to a standard video compression protocol. This approach provides an efficient method for mitigating error propagation in a decoder. Interior regions may be smaller than exterior regions, providing higher quality for the interior regions, where sensitivity to errors is higher.

**French Abstract**

L'invention concerne un procede et un appareil (500) de reduction d'une propagation d'erreur (Fig. 1) dans des signaux video numeriques au moyen d'un rafraichissement intra force aleatoire de macro-blocs (509). Une ou plusieurs zones predeterminees sont definies pour chaque image video numerique. Dans chaque zone predeterminee, une pluralite de macro-blocs sont selectionnes en fonction d'une permutation aleatoire des macro-blocs a l'interieur de cette zone. Les macro-blocs selectionnes sont codes en intra, les macro-blocs restants etant codes conformement a un protocole de compression video standard. Ce systeme fournit un procede efficace

pour attenuer la propagation d'erreur dans un decodeur. Les zones interieures peuvent etre plus petites que les zones exterieures, d'ou l'obtention d'une qualite superieure pour les zones interieures, la sensibilite aux erreurs etant plus elevee.

Legal Status (Type, Date, Text)

Publication 20030123 A1 With international search report.

Examination 20030417 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... the location registers 508. If the macroblock identifier corresponds to a forced intra-coded macroblock **location**, the macroblock Intra-refresh ...with header information 534 to produces the bit-stream output 524.

The selection of the **locations** to the forced intra-coded is now described in more detail for a preferred embodiment...

...chart of one embodiment of the method of the invention. After start block 601, the **picture** size and other information for the current sequence of frames are retrieved at block 602. According to the **picture** size, the number of regions, L, and the number of intra-coded macroblocks, N, in...

...read from memory at block 604. For each of the L regions, the N refresh **location identifiers** are read from the MB access arrays at block 606. The arrays are accessed in a circular manner. In an alternate embodiment the refresh **locations** are determined by determined using a pseudo- **random number** generator. This reduces the memory requirement, but increases the computation requirement. The **identifier** of the next macroblock to be coded is retrieved ...1 5 be intra- or inter- coded according to the position of macroblock within the **picture** and the order of the **picture** within the sequence of **pictures**.

If the macroblock is to be forced intra-coded, as depicted by the positive branch...

9/5,K/13 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00861634 \*\*Image available\*\*

**DYNAMIC SELECTION OF IMAGES FOR WEB PAGES**  
**SELECTION DYNAMIQUE D'IMAGES POUR PAGES WEB**

Patent Applicant/Assignee:

EBAY INC, 2125 Hamilton Avenue, San Jose, CA 95125, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

PEARSON Jennifer, 4694 La Crescent Loop, San Jose, CA 95136, US, US  
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WANG Hsiao Zhang Bill, 2777 Bungalow Court, San Jose, CA 95125, US, US  
(Residence), CN (Nationality), (Designated only for: US)

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,  
7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200195297 A1 20011213 (WO 0195297)

Application: WO 2001US18225 20010605 (PCT/WO US0118225)

Priority Application: US 2000589585 20000607

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4896

**English Abstract**

A gallery widget (203) is invoked when a tag in a mark-up language document, such as a web page, is processed. The gallery widget selects a number of images specified in the tag and places the images in the mark-up language document as defined by the tag. The images are selected from a gallery (201) containing all images available for display or from a pool of images (215) chosen from the gallery using a gallery administration tool (213).

**French Abstract**

Dans cette invention, un element de galerie (203) est sollicite au cours du traitement d'une etiquette dans un document de langage de balisage, notamment une page Web. L'element de galerie selectionne un certain nombre d'images specifiees dans l'etiquette et les place dans le document de langage de balisage, comme le definit l'etiquette. Ces images sont selectionnees dans une galerie (201) qui contient l'ensemble d'images disponibles pour l'affichage, ou dans un ensemble d'images (215) choisies dans la galerie au moyen d'un outil de gestion de galerie (213).

Legal Status (Type, Date, Text)

Publication 20011213 A1 With international search report.

Rev Srch Rpt 20020328 Late publication of revised international search  
report

Republication 20020328 A1 With international search report..

Examination 20020516 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:  
Claims

Claim

- ... The computerized method of claim 7, wherein the proprietary format comprises: <widget identifier, number of **images** , display parameters>.
- 10 The computerized method of claim 9, wherein the display parameters comprise a size parameter and a **location** parameter.
- 11 The computerized method of claim 7, wherein the proprietary format comprises: <widget **identifier** , category **identifier** , number of **images** , display parameters>
- 12 The computerized method of claim 1 further comprising:  
validating the pre-determined number of **images** against validation criteria; and substituting a different **image** for an **image** that fails the validation.
- 13 A computer-readable medium having stored thereon executable instructions for causing a computer to perform a method for dynamically selecting **images** for a markup language document comprising:  
determining a number of **images** to display in the markup language document;  
obtaining a set of **random numbers** corresponding to the number of **images** ;  
retrieving **images** from a group of **images** using the set of random numbers; and placing the retrieved images in the document.
- 14...
- ...15 The computer-readable medium of claim 13 having further executable instructions comprising:  
determining a **location** in the document for each of the retrieved images from an instruction embedded in the...

9/5,K/15 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00826976 \*\*Image available\*\*

**PROTECTING CONTENT FROM ILLICIT REPRODUCTION BY PROOF OF EXISTENCE OF A  
COMPLETE DATA SET VIA SELF-REFERENCING SECTIONS  
PROTECTION DE CONTENU CONTRE LA REPRODUCTION ILLICITE PAR PREUVE DE  
L'EXISTENCE D'UN ENSEMBLE DE DONNEES COMPLET VIA DES SECTIONS A  
RAISONNEMENT AUTOREFERENTIEL**

Patent Applicant/Assignee:

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Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

STARING Antonius A M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
EPSTEIN Michael A, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
ROSNER Martin, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
KRASINSKI Raymond, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V., Prof  
Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200159705 A2-A3 20010816 (WO 0159705)

Application: WO 2001EP477 20010117 (PCT/WO EP0100477)

Priority Application: US 2000180838 20000207; US 2000536944 20000328

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G11B-020/00

International Patent Class: G06F-001/00; G06T-001/00; H04N-005/913

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6138

English Abstract

A number of data items are selected for inclusion in a data set so as to discourage a transmission of the entire set over a limited bandwidth communications path, such as the Internet. Each data item comprises one or more sections, and the totality of sections constitute the complete data set. Each section of the data set contains a watermark that includes an identifier of the section, and an identifier of the data set. In a preferred embodiment, the identifier of the section is the address of the section, and the identifier of the data set is a serial number and an indicator of the total size of the data set. The presence of the data set is confirmed by checking the watermarks of randomly selected sections to verify that the original section that formed the data set is present. If a section is discovered to be missing or altered, subsequent processing of data items of the data set is prevented. In a preferred embodiment, the identifiers are stored as a combination of robust and fragile watermarks.

French Abstract

Un nombre d'elements de donnees destine a etre inclus dans un ensemble de donnees est selectionne afin de decourager une transmission de la totalite de l'ensemble sur une voie de communication a largeur de bande limitee, tel que l'Internet. Chaque element de donnees comprend une ou plusieurs sections, et la totalite des sections constitue l'ensemble de donnees complet. Chaque section de l'ensemble de donnees contient un filigrane comprenant un identificateur de la section et un identificateur

de l'ensemble de donnees. Dans un mode de realisation prefere, l'identificateur de la section est l'adresse de la section, et l'identificateur de l'ensemble de donnees est un nombre ordinal et un indicateur de la taille totale de l'ensemble de donnees. La presence de l'ensemble de donnees est confirmee par verification des filigranes de sections, selectionnes aleatoirement, afin de verifier que la section originale formant l'ensemble de donnee est presente. Si une section manque ou est alteree, le traitement ulterieur d'elements de donnees de l'ensemble de donnees est empeche. Dans un mode de realisation prefere, les identificateurs sont stockes sous forme d'une combinaison de filigranes robustes et fragiles.

Legal Status (Type, Date, Text)

Publication 20010816 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20011220 Late publication of international search report

Republication 20011220 A3 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... comprise other sample songs that are provided to encourage the sale of other albums, or **images** and video sections related to the recorded content material. Similarly, promotional material, such as Internet...

...invention, the encoder 1 1 0 includes a binder 1 16 that creates a unique **identifier** for each section, and an **identifier** for the entirety of the data set. In a preferred embodiment, the **identifier** of each section is the **address** that is used for accessing the particular section. The data set **identifier** can be any somewhat-unique **identifier** that reduces the likelihood of different data sets having the same **identifier**, thereby reducing the likelihood of an illicit substitution of sections from different data sets. In a preferred embodiment, for example, the data set **identifier** includes a 64 bit **random number**, and a parameter that can be used to determine the total size of the data set. The binder 1 16 communicates the data set **identifier** and the unique **identifier** of each section to the recorder 1 14 for recording onto the medium 13 0.

Preferably, the recorder records the data set **identifier** and the unique **identifier** of each section as one or more watermarks that are embedded in each section. In a preferred embodiment, the section **identifier** and data set **identifier** are encoded as combination of a robust watermark and a fragile watermark. In this manner...

17/5,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01335159

**Method and system for locating and accessing digitally stored images**  
**Verfahren und System zum Auffinden und Zugreifen auf digital gespeicherte**  
**Bilder**

**Procede et systeme pour localiser et acceder a des images stockees sous**  
**forme numerique**

PATENT ASSIGNEE:

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INVENTOR:

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McIntyre, Dale F., Eastman Kodak Company, 343 State Street, Rochester,  
New York 14650-2201, (US)

Holms, James W., Eastman Kodak Company, 343 State Street, Rochester, New  
York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1139649 A2 011004 (Basic)  
EP 1139649 A3 021211

APPLICATION (CC, No, Date): EP 2001200993 010316;

PRIORITY (CC, No, Date): US 536521 000328

DESIGNATED STATES: CH; DE; FR; GB; IT; LI

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/32 ; H04N-001/00 ; G06F-017/30

ABSTRACT EP 1139649 A2

A hard copy print, method and system for producing the hard copy print.  
The hard copy print has a print side and a back side. The print side has  
information thereon which identifies the electronic location at which a  
digital record of the image can be accessed electronically. This  
information is preferably written in a machine readable form so as to  
allow automatic accessing of the digitally stored images. The system  
includes a digital storage device for storing of a digital record file of  
the image on the hard copy print.

ABSTRACT WORD COUNT: 92

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011004 A2 Published application without search report

Change: 021204 A2 Legal representative(s) changed 20021011

Change: 021211 A2 International Patent Classification changed:  
20021021

Search Report: 021211 A3 Separate publication of the search report

Examination: 030709 A2 Date of request for examination: 20030512

Examination: 031001 A2 Date of dispatch of the first examination  
report: 20030814

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200140 | 412        |
| SPEC A                             | (English) | 200140 | 5456       |
| Total word count - document A      |           |        | 5868       |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 5868       |



INTERNATIONAL PATENT CLASS: **H04N-001/32** ...

... **H04N-001/00** ...

... **G06F-017/30**

...SPECIFICATION hard copy print comprising the steps of:

providing a hard copy print having a unique **identifier** for  
**identifying** the **location** at which a digital **image** record file of the  
image is stored.

In accordance with still another aspect of the...

17/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00842545

**ELECTRONIC DOCUMENT AND DATA STORAGE AND RETRIEVAL SYSTEM**

**ELEKTRONISCHES SPEICHER- UND WIEDERGABESYSTEM FUR DOKUMENTE UND DATEN**

**SYSTEME DE STOCKAGE ET RESTITUTION DE DOCUMENTS ET DONNEES ELECTRONIQUES**

**PATENT ASSIGNEE:**

CITIBANK, N.A., (1570360), 399 Park Avenue, New York, New York 10043,  
(US), (Proprietor designated states: all)

**INVENTOR:**

QUINN, Michael, F., 36 Fox Run Road, Pound Ridge, NY 10576, (US)

MCGINLAY, James, 60 Goller Place, Staten Island, NY 10314, (US)

KADRON, Roman, 81 Duncan Drive, Greenwich, CT 06831, (US)

**LEGAL REPRESENTATIVE:**

Cooper, John et al (76421), Murgitroyd & Company 165-169 Scotland Street,  
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PATENT (CC, No, Kind, Date): EP 846298 A1 980610 (Basic)

EP 846298 A1 981125

EP 846298 B1 050518

WO 1997007468 970227

APPLICATION (CC, No, Date): EP 96927417 960814; WO 96US13191 960814

PRIORITY (CC, No, Date): US 2375 P 950815; US 626600 960402

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/30 ; G06F-017/60 ; G06G-007/52

CITED PATENTS (EP B): EP 532796 A; FR 2595487 A; US 4918646 A; US 5159667 A  
; US 5168444 A; US 5170466 A; US 5235433 A; US 5490217 A

**CITED REFERENCES (EP B):**

ACCOUNTANCY, issued February 1995, A. ETHERINGTON, "The DIP Alternative",  
pages 60 and 62.

NUCLEAR PLANT JOURNAL, issued July-August 1991, T. REDING, "Digital  
Imaging Technology: What, Where and Why in Commercial Nuclear Power",  
pages 89, 90 and 94.

IMC JOURNAL 1, January-February 1989; D. BLACK, "The New Breed of  
Mixed-Media Image Management Systems", pages 9-13.

MICROGRAPHICS & VIDEO TECHNOLOGY, Vol. 4, No. 1, 1985, G. WALTER,  
"Optical Digital Data Disk Systems for the Management and Dissemination  
of Office and Engineering Documents", pages 21-30.;

**NOTE:**

No A-document published by EPO

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Examination: 010425 A1 Date of dispatch of the first examination  
report: 20010307

Application: 970611 A1 International application (Art. 158(1))

Grant: 050518 B1 Granted patent

Application: 980610 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 980610 A1 Date of filing of request for examination:  
980309

Search Report: 981125 A1 Drawing up of a supplementary European search  
report: 981009

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B                           | (English) | 200520 | 1179       |
| CLAIMS B                           | (German)  | 200520 | 1129       |
| CLAIMS B                           | (French)  | 200520 | 1447       |
| SPEC B                             | (English) | 200520 | 11606      |
| Total word count - document A      |           |        | 0          |
| Total word count - document B      |           |        | 15361      |
| Total word count - documents A + B |           |        | 15361      |

INTERNATIONAL PATENT CLASS: G06F-017/30 ...

... G06F-017/60

...SPECIFICATION invention by the creation of transaction folders. The system preferably maintains an internal unique key **identifier** to **identify** each **folder** and document with the **image** transaction ID number unique to each item when available from the image management system. For...

...CLAIMS management system of any preceding claim, further comprising means for maintaining an internal unique key **identifier** to **identify** each transaction data **folder** and document with the **image** transaction ID number unique to each item when available from the image management system.

10...

...of claims 14 to 19, further comprising the step of maintaining an internal unique key **identifier** to **identify** each transaction data **folder** (170) and document with the **image** transaction ID number unique to each item when available from the image management system.

17/5,K/6 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00629750

Method and apparatus for generating operation and operand databases and for employing them in color image processing.

Verfahren und Gerat um Operations- und Operandendatenbanken zu erzeugen und um sie für die Farbbildverarbeitung zu benutzen.

Procede et dispositif pour generer des bases de donnees d'operations et d'operandes et pour les utiliser pour le traitement d'images en couleur.

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

Hillier, Peter et al (47812), Reginald W. Barker & Co., 13, Charterhouse  
Square, London, EC1M 6BA, (GB)

PATENT (CC, No, Kind, Date): EP 613095 A2 940831 (Basic)  
EP 613095 A3 950705

APPLICATION (CC, No, Date): EP 94300002 940104;

PRIORITY (CC, No, Date): IL 10455393 930128

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-015/401 ; G06F-015/62

ABSTRACT EP 613095 A2

A method for storing an image in an image processing database format including the steps of automatically defining a multiplicity of regions in the image, uniting individual ones of the regions in accordance with user input, thereby to define a plurality of image processing operands, and generating an image processing operand database by storing the locations of the image processing operands. (see image in original document)

ABSTRACT WORD COUNT: 68

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940831 A2 Published application (A1with Search Report  
;A2without Search Report)

Search Report: 950705 A3 Separate publication of the European or  
International search report

Change: 950712 A2 Obligatory supplementary classification  
(change)

Examination: 960117 A2 Date of filing of request for examination:  
951121

Withdrawal: 961211 A2 Date on which the European patent application  
was withdrawn: 961014

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPABF2 | 835        |
| SPEC A                             | (English) | EPABF2 | 5842       |
| Total word count - document A      |           |        | 6677       |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 6677       |

INTERNATIONAL PATENT CLASS: G06F-015/401 ...

... G06F-015/62

...SPECIFICATION location of an image processing operand including a multiplicity of image locations, a feature range **identifier** , operative, for at least one feature characterizing individual **image locations** , to **determine** the range of the feature within the operand, and an image processor communicating with the...

...CLAIMS location of an image processing operand including a multiplicity of image locations;  
a feature range **identifier** , operative, for at least one feature characterizing individual **image locations** , to **determine** the range of the feature within the operand; and  
an image processor communicating with the...

17/5,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00624020

**Command sheet for prepress, and device and method for preparing thereof**  
**Steuerbogen fur Druckvorlage sowie Vorrichtung und Verfahren, um diesen zu**  
**erzeugen**

**Feuillet de commande pour une maquette ainsi que dispositif et procede pour**  
**le produire**

PATENT ASSIGNEE:

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INVENTOR:

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Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku, Kyoto, (JP)

LEGAL REPRESENTATIVE:

WILHELMS, KILIAN & PARTNER Patentanwalte (100601), Eduard-Schmid-Strasse  
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PATENT (CC, No, Kind, Date): EP 608904 A2 940803 (Basic)  
EP 608904 A3 950426  
EP 608904 B1 981202

APPLICATION (CC, No, Date): EP 94101318 940128;

PRIORITY (CC, No, Date): JP 9313567 930129; JP 9313590 930129; JP 9373245  
930331; JP 9373266 930331

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G03G-015/00; H04N-001/21 ; B41M-005/00;  
G06K-003/00

ABSTRACT EP 608904 A2

A prepress command sheet capable of prepress efficiently without errors. Magnetic disk 54 are stored electronic data for corresponding image components, corresponding text components, and corresponding linework components. The Disk 54 are also stored electronic data for layout papers for the prepress command sheets. A CPU 42 lays out the corresponding image components, corresponding text components, and corresponding linework components on the layout paper according to instruction by an operator. CPU 42 reads identifiers for the respective image components and lays them out in the vicinity of associated corresponding image components. Printer 47 records the corresponding image components, corresponding text components, corresponding linework components, and identifiers associated with respective image components on the layout paper, and outputs the prepress command sheet. (see image in original document)

ABSTRACT WORD COUNT: 128

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 000531 B1 Date of lapse of European Patent in a  
contracting state (Country, date): FR  
19990430,  
Application: 940803 A2 Published application (A1with Search Report  
;A2without Search Report)  
Lapse: 040825 B1 Date of lapse of European Patent in a  
contracting state (Country, date): FR  
19981202,  
Change: 950419 A2 Obligatory supplementary classification  
(change)  
Search Report: 950426 A3 Separate publication of the European or  
International search report  
Examination: 950920 A2 Date of filing of request for examination:  
950726

Examination: 970820 A2 Date of despatch of first examination report:  
970703  
Grant: 981202 B1 Granted patent  
Oppn None: 991124 B1 No opposition filed: 19990903  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B                           | (English) | 9849   | 1930       |
| CLAIMS B                           | (German)  | 9849   | 1503       |
| CLAIMS B                           | (French)  | 9849   | 2432       |
| SPEC B                             | (English) | 9849   | 11413      |
| Total word count - document A      |           |        | 0          |
| Total word count - document B      |           |        | 17278      |
| Total word count - documents A + B |           |        | 17278      |

...INTERNATIONAL PATENT CLASS: **H04N-001/21**

...CLAIMS prepress command sheet preparing device of claim 1, characterized in that the device further comprising **identifier** location input means (39) for displaying the simplified **image** components with their **locations determined** by the component layout means (36) and for specifying and entering the layout locations for...

**17/5,K/8 (Item 8 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00265494

**Office automation system with integrated image management.**  
**Büroautomatisierungssystem mit integrierter Bildverwaltung.**  
**Système bureautique avec gestion intégrée des images.**

PATENT ASSIGNEE:

WANG LABORATORIES INC., (333560), One Industrial Avenue, Lowell, MA 01851  
, (US), (applicant designated states: BE;DE;FR;GB)

INVENTOR:

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Nicholls, Joseph A., 218 Park Road, Celmsford, MA. 01824, (US)  
O'Brien, Clinton J., 9 Carmel Drive, North Billerica 01862, (US)  
Silver, Bruce R., 260 Glen Road, Weston, MA. 02193, (US)

LEGAL REPRESENTATIVE:

Behrens, Dieter, Dr.-Ing. et al (1701), Wuesthoff & Wuesthoff Patent- und  
Rechtsanwälte Schweigerstrasse 2, D-81541 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 273435 A2 880706 (Basic)  
EP 273435 A3 911113  
EP 273435 B1 950322

APPLICATION (CC, No, Date): EP 87119282 871229;

PRIORITY (CC, No, Date): US 948375 861231

DESIGNATED STATES: BE; DE; FR; GB

INTERNATIONAL PATENT CLASS: **G06F-017/30**

CITED PATENTS (EP A): EP 170469 A; EP 156923 A; EP 230616 A

CITED REFERENCES (EP A):

ELECTRONIC DESIGN April 15, 1982, pages 49 - 54; W. HORAK ET AL.:

'Layering approach manages mixed documents '

HITACHI REVIEW. vol. 35, no. 2, April 1986, TOKYO JP pages 63 - 68;

SATOSHI ITO ET AL.: 'Hitachi optical disk file system HITFILE 60 '

PROCEEDINGS OF THE 7TH ANNUAL CONF. OF THE IEEE/ENGINEERING IN MEDICINE

AND BIOLOGY SOCIETY September 30, 1985, CHICAGO, US pages 1002 - 1006;

C.L. VAUGHAN ET AL.: 'Image database considerations: the core of PACS '

;

ABSTRACT EP 273435 A2

An office automation system that provides for the incorporation of

documents of all types by integrating images into the system. A minicomputer-based system includes applications such as word processing, data base, and mail, each of which can access image documents. Bulk storage of document images is provided using a variety of storage media such as microfilm, microfiche, and optical disks. An image access subsystem provides to each of the office automation applications uniform access to images stored on all of the media. The image access subsystem can use a hardware controller to handle some of the complexity of retrieval of images from the image storage devices. A relational data base system is used to organize the stored images so as to provide flexible access to the images and to isolate any effects of reconfiguration of the image storage system.

ABSTRACT WORD COUNT: 143

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880706 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 911113 A3 Separate publication of the European or  
International search report  
Examination: 920708 A2 Date of filing of request for examination:  
920507  
Examination: 930630 A2 Date of despatch of first examination report:  
930519  
Grant: 950322 B1 Granted patent  
Oppn None: 960313 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPABF1 | 504        |
| CLAIMS B                           | (English) | EPAB95 | 1249       |
| CLAIMS B                           | (German)  | EPAB95 | 878        |
| CLAIMS B                           | (French)  | EPAB95 | 1516       |
| SPEC A                             | (English) | EPABF1 | 10602      |
| SPEC B                             | (English) | EPAB95 | 10643      |
| Total word count - document A      |           |        | 11106      |
| Total word count - document B      |           |        | 14286      |
| Total word count - documents A + B |           |        | 25392      |

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION display of an image document.

4. The Image Display Server 334 uses the logical document **identifier** and the various locator data bases to **determine** the physical **address** specifications of the requested **image** document. This is the "document mapping" process (see section IV.D for more details). In ...

...SPECIFICATION display of an image document.

4. The Image Display Server 334 uses the logical document **identifier** and the various locator data bases to **determine** the physical **address** specifications of the requested **image** document. This is the "document mapping" process (see section IV.D for more details). In ...

...CLAIMS document locator data bases (382), each for use by the relational data base system for **determining** a media **address** for an **image** document from a logical document **identifier**,

(C) an image system data base (380) for use by the relational data base system...



17/5,K/10 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01120595 \*\*Image available\*\*

**METHOD AND SYSTEM FOR DYNAMIC TEXTUAL AD DISTRIBUTION VIA EMAIL**  
**PROCEDE ET SYSTEME DE DISTRIBUTION DE PUBLICITE TEXTUELLE DYNAMIQUE PAR**  
**COURRIEL**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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US,  
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10021, US,

Legal Representative:

BUROKER Brian M (et al) (agent), Hunton & Williams, LLP, 1900 K Street,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200442525 A2-A3 20040521 (WO 0442525)  
Application: WO 2003US34788 20031103 (PCT/WO US03034788)  
Priority Application: US 2002422844 20021101; US 2003647116 20030825

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15097

English Abstract

A system and method for providing dynamic pay-for-placement advertisements (24) via graphics-enabled email that generates a display of advertisements (24) when the email newsletter is opened so the advertisements (24) displayed are based on rankings at the time the email is opened instead of when the email was generated and transmitted. In one embodiment, a graphical-content email having one or more embedded advertisements (24) image references is provided to one or more email recipients (28c, 28d). The advertisements (24) image reference, in one embodiment, may include query string parameters indicating the context of the image reference and/or portion of the image reference (i.e., identifying the image reference as being part of a particular newsletter email), a position of the image reference in the email display, and the like. A URL reference also may be included with each advertisement (24) image reference (e.g., one URL for each advertisement (24) portion of the image to be retrieved by the advertising image reference).

French Abstract

L'invention concerne un systeme et un procede permettant de transmettre

des publicites dynamiques payees en fonction de leur insertion, par l'intermediaire d'un courriel a elements graphiques qui affiche des publicites au moment de l'ouverture d'une lettre de publicite de courriel, de sorte que les publicites affichees sont basees sur des classements lies au moment ou le courriel est ouvert, au lieu du moment ou celui-ci est produit et transmis. Dans une forme de realisation, un courriel a contenu graphique comportant une ou plusieurs references d'images publicitaires incorporees est transmis a un ou a plusieurs destinataires. La reference d'image publicitaire, dans une forme de realisation, peut comprendre des parametres de chaine d'interrogation indiquant le contexte de la reference d'image et/ou d'une partie de la reference d'image (c.-a-d. identifiant la reference d'image comme faisant partie d'un courriel de lettre de publicite particulier), la position de la reference d'image dans l'affichage du courriel et analogue. Une reference URL peut aussi etre incluse dans chaque reference d'image publicitaire (p. ex. un URL pour chaque partie publicitaire de l'image devant etre recuperee par la reference d'image publicitaire).

Legal Status (Type, Date, Text)

Publication 20040521 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20050428 Late publication of international search report

Republication 20050428 A3 With international search report.

Republication 20050428 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... In one embodiment, each advertisement image reference includes query string parameters that are used to **identify** the intended **location** of the advertisement **image** when displayed. **Identifiers** included in the query string parameters can include, for example, an identifier associated with the...

17/5,K/11 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01083962 \*\*Image available\*\*

**IMAGING SYSTEM PROCESSING IMAGES BASED ON LOCATION**  
**SYSTEME D'IMAGERIE TRAITANT LES IMAGES EN FONCTION DE LEUR POINT DE SAISIE**

Patent Applicant/Assignee:

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KIRANI Shekhar, 109 Washburn Avenue, Capitola, CA 95010, US,  
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Legal Representative:

SMART John A (agent), 708 Blossom Hill Road #201, Los Gatos, CA  
95032-3503, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200406561 A2-A3 20040115 (WO 0406561)  
Application: WO 2003US20775 20030701 (PCT/WO US03020775)  
Priority Application: US 2002190373 20020702

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-001/21

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 12812

**English Abstract**

An imaging system is described that automatically identifies where images are captured. The system includes the following components: an imaging device for capturing images; a GPS (Global Positioning System) module providing location information; a host device (e.g., local host) that is at least occasionally connected to the imaging device, and application logic for querying the GPS module for determining location information and for associating each captured image with a location identifier indicating where each image was captured.

**French Abstract**

L'invention concerne un systeme d'imagerie qui identifie automatiquement le point de saisie des images, et qui comprend les elements suivants: dispositif d'imagerie pour la saisie d'images; module GPS fournissant une information de localisation; dispositif hote (par exemple, hote local) au moins occasionnellement relie au dispositif d'imagerie; et logique d'application pour interroger le module GPS et determiner l'information de localisation puis associer chaque image saisie a un identificateur de localisation indiquant le point de saisie de l'image.

Legal Status (Type, Date, Text)

Publication 20040115 A2 Without international search report and to be  
republished upon receipt of that report.  
Search Rpt 20050512 Late publication of international search report  
Republication 20050512 A3 With international search report.  
Main International Patent Class: **H04N-001/21**  
Fulltext Availability:  
Claims

Claim

... location.

18 The method of claim 16, wherein said step of automatically associating each captured **image** with a **location identifier** includes:  
**determining** a longitude and latitude relevant to where each image was captured.

19 The method of...

...captured.

21 The method of claim 16, wherein said step of automatically associating each captured **image** with a **location identifier** includes:  
**determining** GPS (Global Positioning System) information for each captured image, said GPS information indicating a particular...  
...latitude.

22 The method of claim 16, wherein said step of automatically associating each captured **image** with a **location identifier** includes:  
**determining** GPS (Global Positioning System) information for each captured image; and  
cross-referencing the GPS information...

17/5,K/13 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00853898 \*\*Image available\*\*

**VIDEO CODING USING MULTIPLE BUFFERS**

**CODAGE VIDEO UTILISANT PLUSIEURS TAMPONS**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

MAZZARESE Robert A (et al) (agent), Ropes & Gray, Patent Group/33rd  
floor, One International Place, Boston, MA 02110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200186960 A2-A3 20011115 (WO 0186960)

Application: WO 2001US15035 20010510 (PCT/WO US0115035)

Priority Application: US 2000203004 20000510; US 2000209055 20000602

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

DE GB JP

Main International Patent Class: **H04N-007/50**

International Patent Class: **H04N-007/26**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11087

**English Abstract**

There is provided herein a system for video encoding and decoding that uses short-term and long-term buffers. Reconstruction of each block within an image may be performed with reference to one of the buffers, so that different portions of an image, or different images in a sequence, may be reconstructed using different buffers. There is also provided herein systems for signaling, between an encoder and a decoder, the use of the above buffers and related address information. The encoder may, for example, transmit information identifying video data as corresponding to a particular one of the buffers, and the decoder may transmit information relating to the size of the short-term and the long-term buffer. The buffer sizes may be changed during transmission of video data by including buffer allocation information in the video data. Also disclosed herein are methods and apparatuses according to the above.

**French Abstract**

L'invention concerne un systeme de codage et decodage video utilisant des tampons a court terme et a long terme. Dans une image, la reconstruction de chaque bloc peut s'effectuer par rapport a l'un des tampons, de sorte que differentes parties d'une image ou differentes images dans une sequence peuvent etre reconstruites au moyen de differents tampons. L'invention concerne egalement des systemes servant a signaler, entre un codeur et un decodeur, l'utilisation desdits tampons et des informations d'adresse relatives. Le codeur peut, par exemple, transmettre des informations en identifiant des donnees video qui correspondent a l'un des tampons, tandis que le decodeur peut transmettre des informations relatives a la taille du tampon a court terme et a la taille du tampon a long terme. Pour modifier les tailles des tampons pendant la transmission des donnees video, on peut inclure dans les donnees video des informations d'attribution de tampon. L'invention concerne egalement des procedes et des appareils selon l'invention.

Legal Status (Type, Date, Text)

Publication 20011115 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20020214 Request for preliminary examination prior to end of  
19th month from priority date

Search Rpt 20020523 Late publication of international search report

Republication 20020523 A3 With international search report.

Main International Patent Class: **H04N-007/50**

International Patent Class: **H04N-007/26**

Fulltext Availability:

Detailed Description

Detailed Description

... buffer according to an index, or a short-tenn buffer according to a  
sequential picture **identifier**, as described in greater detail above.  
Once the reference **image address** decoder 504 has **identified** data in  
the **picture** memory 5 1 0 that may be used as reference data, the  
picture decoder 5...

**17/5,K/14 (Item 5 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00739189 \*\*Image available\*\*

**METHOD AND APPARATUS FOR COMMUNICATING GRAPHICS DATA BETWEEN A SOURCE AND A  
RECIPIENT OVER A NETWORK**

**PROCEDE ET APPAREIL DE COMMUNICATION DE DONNEES GRAPHIQUES ENTRE UNE SOURCE  
ET UN DESTINATAIRE SUR UN RESEAU**

Patent Applicant/Assignee:

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except: US)

Patent Applicant/Inventor:

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US (Nationality), (Designated only for: US)

BARILOV Alexandre, 7580 Lockford Court, Cupertino, CA 95014, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MILLIKEN Darren J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman  
LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052551 A2-A3 20000908 (WO 0052551)

Application: WO 2000US3812 20000214 (PCT/WO US0003812)

Priority Application: US 99123016 19990304; US 99315899 19990520

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-003/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10011

#### English Abstract

A method for communicating graphics from a source to a recipient over a network (12) commencing with the construction of an electronic mail message. The electronic mail message is constructed to have graphics data embedded therein. The electronic mail message also has embedded therein a location identifier (e.g., a URL) that identifies a location on a server machine (10) from which a graphics application (24) is for displaying a graphics image derived from the graphics data. Following construction of the electronic mail message, the message is communicated from the source to a specified recipient over the communications network (12).

#### French Abstract

L'invention se rapporte a un procede de communication de donnees graphiques sur un reseau, d'une source vers un destinataire. Ledit procede consiste dans un premier temps en l'elaboration d'un message electronique. Ce dernier est elabore de maniere a contenir les donnees graphiques. Il contient egalement un identificateur de localisation (par exemple, un URL) qui identifie une localisation sur une machine serveur sur laquelle une application graphique peut etre recuperee de maniere automatique par une machine client. L'application graphique est concue pour presenter une image graphique derivee des donnees graphiques. Suite a l'elaboration du message electronique, le message est transmis de la source vers le destinataire specifie, par l'intermediaire du reseau de communication.

#### Legal Status (Type, Date, Text)

|               |          |  |
|---------------|----------|--|
| Publication   | 20000908 | A2 Without international search report and to be republished upon receipt of that report.  |
| Search Rpt    | 20010111 | Late publication of international search report  |
| Search Rpt    | 20010111 | Late publication of international search report  |
| Examination   | 20010215 | Request for preliminary examination prior to end of 19th month from priority date  |
| Correction    | 20011011 | Corrected version of Pamphlet: pages 1/10-10/10, drawings, replaced by new pages 1/10-10/10; due to late transmittal by the receiving Office |
| Republication | 20011011 | A3 With international search report.   |

Main International Patent Class: **G06F-003/00**

#### Fulltext Availability:

Detailed Description  
Claims

#### Detailed Description

... identifier for a graphics application that interprets and displays a graphics image corresponding to the **graphics** data, the **location identifier identifying a location** on a server from which the graphics application is retrievable by a client.  
According to...

#### ...recipient

over a network. An electronic mail message is constructed to have embedded therein first **graphics** data and a **location identifier** to **identify a location** on a server machine from which a graphics application, for displaying a first graphics image...

#### Claim

... data and that records a further graphics operation -performed by the receiver to modify the **graphics** data, the **location identifier identifying a location** on a server from which the graphics application is retrievable by a client.

2 The...data and that records a

further-graphics operation performed by the receiver to modify the **graphics** -data, the **location identifier identifying a location** on a server from which the graphics application is retrievable by a client.

45 A...



17/5,K/15 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00367141 \*\*Image available\*\*

**ELECTRONIC DOCUMENT AND DATA STORAGE AND RETRIEVAL SYSTEM  
SYSTEME DE STOCKAGE ET RESTITUTION DE DOCUMENTS ET DONNEES ELECTRONIQUES**

Patent Applicant/Assignee:

CITIBANK N A,

Inventor(s):

QUINN Michael F,

MCGINLAY James,

KADRON Roman,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9707468 A1 19970227

Application: WO 96US13191 19960814 (PCT/WO US9613191)

Priority Application: US 952375 19950815; US 96626600 19960402

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR  
KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA  
UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-17:60** ; G06G-07:52

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13751

**English Abstract**

An information management system for storing and retrieving related documents (134), messages, and customer inquiries as electronic images in a secured environment. The system is centrally maintained and provides for integration and accessing of information from multiple remote offices. Input paper-based documents are scanned, indexed, and reviewed by preprocessing (158). Information is linked together by transaction into folders (170), and each document is assigned to a Trade Service Representative (174). Transaction folders (170) include all physical input and output associated with each transaction, such as electronic messages, mail, inquiry history records, system user messages, and inbound facsimile messages. The system maintains an internal unique key identifier for each transaction folder (170) and each related document. Document work flow can be monitored for backlog and assigned work levels.

**French Abstract**

Ce systeme de gestion d'informations permet de stocker et retrouver des documents (134), messages et demandes connexes de clients sous forme d'images electroniques dans un environnement securise. Il est centralise et permet l'introduction et la recherche d'informations depuis des bureaux distants. Les documents d'entree a support papier sont scannes, indexes et classes lors d'un pretraitement (158). Les informations sont correlees par des transactions dans des dossiers (170), et chaque document est affecte a un representant du service commercial (174). Ces dossiers de transactions (170) contiennent toutes le soperations materielles d'entree et de sortie liees a chaque transaction telles que messages electroniques, courrier, historique des demandes, messages d'utilisateurs du systeme et telecopies recues. Ce systeme attribue un identificateur interne unique, sous forme de cle, a chaque dossier de transactions (170) et a chaque document connexe. On peut surveiller le flux de traitement des documents pour detecter un retard ou le respect d'une charge de travail assignee.

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-17:60** ...

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... present invention by the creation of transaction folders. The system maintains an internal unique key **identifier** to **identify** each **folder** and document is with the **image** transaction ID number unique to each item when available from the image management system. For...

Claim

... information management system of claim 1, further comprising means for maintaining an internal unique key **identifier** to **identify** each transaction data **folder** and document with the **image** transaction ID number unique to each item when available from the image management system.

10...information management of claim 14, further comprising the step of maintaining an internal unique key **identifier** to **identify** each transaction data **folder** and document with the **image** transaction ID number unique to each item when available from the image management system.

17/5,K/16 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00343207 \*\*Image available\*\*

**COMPUTER BASED MULTIMEDIA MEDICAL DATABASE MANAGEMENT SYSTEM AND USER INTERFACE**

**SYSTEME DE GESTION INFORMATIQUE D'UNE BANQUE DE DONNEES MEDICALE MULTIMEDIA ET INTERFACE POUR L'UTILISATEUR**

Patent Applicant/Assignee:

MERGE TECHNOLOGIES INC,

Inventor(s):

MORTIMORE William C,

SIMON Dwight A,

GRAY Michael J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9625719 A2 19960822

Application: WO 96US1679 19960207 (PCT/WO US9601679)

Priority Application: US 95384943 19950207

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE  
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
ML MR NE SN TD TG

Main International Patent Class: **G06F-012/00**

International Patent Class: **G06F-17:30 ; G06F**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10740

**English Abstract**

A computer database for medical imaging stores and manipulates multimedia data from various sources and reduces misidentification of data. A unique identifier is generated and linked to each data object, preferably at the time the image is generated. A graphical representation of the identifier is incorporated into the image or text when displayed or printed. A detector may be used to read the representation, allowing the identifier to be read and identify the data.

**French Abstract**

Cette invention concerne une banque de donnees informatique pour imagerie medicale, laquelle memorise et traite des donnees multimedia provenant de sources diverses et reduit le taux de mauvaise identification des donnees. Un identificateur unique est genere puis lie a chaque objet de donnees, de preference au moment ou l'image est generee. Une representation graphique de l'identificateur est incorporee a l'image ou au texte lors de l'affichage ou de l'impression. Un detecteur peut etre employe pour lire la representation, tout en permettant a l'identificateur d'etre lu et d'identifier les donnees.

Main International Patent Class: **G06F-012/00**

International Patent Class: **G06F-17:30 ...**

... **G06F**

Fulltext Availability:

Detailed Description

**Detailed Description**

... suitably decoded employing the converse of the predetermined encoding

algorithm to produce the original unique **identifier** . The **identifier** may be used, in conjunction with **directory** 304, to **identify** the **locations** in **image** database array 325 or video image storage 37 where the data object corresponding to the...

| Set          | Items   | Description   |
|--------------|---------|---|
| S1           | 3342786 | IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRAPHIC? ?   |
| S2           | 2173528 | PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR SUBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFORM()RESOURCE                    |
| S3           | 32661   | IDENTIFIER? ?   |
| S4           | 17944   | (RANDOM OR PSEUDORANDOM)()NUMBER? ?   |
| S5           | 52394   | HASH OR DIGEST  |
| S6           | 0       | S1 AND S2 AND S3 AND S4 AND S5  |
| S7           | 0       | S1 AND S2 AND S3 AND S4   |
| S8           | 127     | S1 AND S2 AND S3  |
| S9           | 63560   | (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? - OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCOVER?? OR DISCOVERING) (3N)S2 |
| S10          | 7103    | S9 AND S1   |
| S11          | 8       | S10 AND S3  |
| S12          | 0       | S11 NOT PY>2000   |
| S13          | 11      | S10 AND S4  |
| S14          | 2       | S13 NOT PY>2000   |
| S15          | 74      | S8 NOT PY>2000  |
| S16          | 63      | RD (unique items)   |
| S17          | 24429   | S1 (5N) S2  |
| S18          | 18      | S17 AND S3  |
| S19          | 14      | S18 NOT PY>2000   |
| S20          | 12      | RD (unique items)   |
| S21          | 18      | S17 AND S4  |
| S22          | 18      | S21 NOT S20   |
| S23          | 12      | S22 NOT PY>2000   |
| S24          | 7       | RD (unique items)   |
| S25          | 34160   | (FIND? ? OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR SEARCH OR SEARCHING) (3N)S1  |
| S26          | 2       | S25 (5N) (S3 OR S4)   |
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| File         | 8:EI    | Compendex(R) 1970-2005/Nov W1<br>(c) 2005 Elsevier Eng. Info. Inc.  |
| File         | 35:     | Dissertation Abs Online 1861-2005/Oct<br>(c) 2005 ProQuest Info&Learning  |
| File         | 65:     | Inside Conferences 1993-2005/Nov W2<br>(c) 2005 BLDSC all rts. reserv.  |
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| File         | 94:     | JICST-EPlus 1985-2005/Sep W2<br>(c) 2005 Japan Science and Tech Corp(JST)   |
| File         | 111:    | TGG Natl.Newspaper Index(SM) 1979-2005/Nov 10<br>(c) 2005 The Gale Group  |
| File         | 6:      | NTIS 1964-2005/Nov W1<br>(c) 2005 NTIS, Intl Cpyrght All Rights Res   |
| File         | 144:    | Pascal 1973-2005/Nov W1<br>(c) 2005 INIST/CNRS  |
| File         | 434:    | SciSearch(R) Cited Ref Sci 1974-1989/Dec<br>(c) 1998 Inst for Sci Info  |
| File         | 34:     | SciSearch(R) Cited Ref Sci 1990-2005/Nov W1<br>(c) 2005 Inst for Sci Info   |
| File         | 62:     | SPIN(R) 1975-2005/Sep W2<br>(c) 2005 American Institute of Physics  |
| File         | 99:     | Wilson Appl. Sci & Tech Abs 1983-2005/Oct<br>(c) 2005 The HW Wilson Co.   |
| File         | 95:     | TEME-Technology & Management 1989-2005/Oct W1<br>(c) 2005 FIZ TECHNIK   |

20/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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03994272 E.I. No: EIP94112444854

**Title: Finite state vector quantization with multi- path tree search strategy for image /video coding**

Author: Juan, Shih-Chou; Chao, Yen-Jean; Lee, Chen-Yi

Corporate Source: Natl Chiao Tung Univ, Hsinchu, Taiwan

Conference Title: Proceedings of the 1994 IEEE International Symposium on Circuits and Systems. Part 3 (of 6)

Conference Location: London, England Conference Date: 19940530-19940602

E.I. Conference No.: 21360

Source: Proceedings - IEEE International Symposium on Circuits and Systems v 3 1994. IEEE, Piscataway, NJ, USA, 94CH3435-5. p 181-184

Publication Year: 1994

CODEN: PICSDI ISSN: 0271-4310

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review); T; (Theoretical)

Journal Announcement: 9501W2

Abstract: This paper presents a new vector quantization (VQ) algorithm exploiting the features of tree-search as well as finite state VQs for image/video coding. In the tree-search VQ, multiple candidates are identified for on-going search to optimally determine an index of the minimum distortion. In addition, the desired codebook has been reorganized hierarchically to meet the concept of multi-path search of neighboring trees so that picture quality can be improved by 4 dB on the average. In the finite state VQ, adaptation to the state codebooks is added to enhance the hit-ratio of the index produced by the tree-search VQ and hence to further reduce compressed bits. An **identifier** code is then included to indicate to which output indices belong. Our proposed algorithm not only reaches a higher compression ratio but also achieves better quality compared to conventional finite-state and tree-search VQs. (Author abstract) 9 Refs.

Descriptors: \*Image coding; Video signal processing; Algorithms; Finite automata; Trees (mathematics); Hierarchical systems; Signal distortion; Data structures; Data compression; Image quality

Identifiers: Vector quantization (VQ) algorithm; Multipath tree search; On going search; State codebooks; Compression ratio; State machine

Classification Codes:

723.2 (Data Processing); 921.6 (Numerical Methods); 721.1 (Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory); 731.1 (Control Systems); 716.1 (Information & Communication Theory)

723 (Computer Software); 921 (Applied Mathematics); 721 (Computer Circuits & Logic Elements); 731 (Automatic Control Principles); 716 (Radar, Radio & TV Electronic Equipment)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS); 73 (CONTROL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

20/5/10 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1609151 NTIS Accession Number: DE91017332

**Multi-modality image correlation**

(Patent Application)

Vaitekunas, J. J. ; Roberts, R. A.

Argonne National Lab., IL.

Corp. Source Codes: 001960000; 0448000

Sponsor: Department of Energy, Washington, DC.

Report No.: PAT-APPL-7-236 582

Filed 25 Aug 88 28p

Languages: English Document Type: Patent

Journal Announcement: GRAI9201; ERA9202

This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of application available NTIS. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC N03/MF A01

Country of Publication: United States

Contract No.: W-31109-ENG-38

This invention is comprised of an apparatus and method for **location** by **location** correlation of multiple **images** for Non-Destructive Evaluation (NDE) and other sources. Multiple images of a material specimen are displayed on one or more monitors of an interactive graphics system. Specimen landmarks are located in each image and mapping functions from a reference image to each other **image** are calculated using the landmark **locations**. A location selected by positioning a cursor in the reference image is mapped to the other **images** and **location identifiers** are simultaneously displayed in those images. Movement of the cursor in the references **image** causes simultaneous movement of the **location identifiers** in the other **images** to positions corresponding to the **location** of the reference **image** cursor.

Descriptors: \*Images; \*Interactive Display Devices; Computer Graphics; Correlations; Design; Inventions; Man-Machine Systems; Nondestructive Analysis; Spatial Resolution

Identifiers: \*Patent applications; EDB/990200; EDB/440800; NTISGPDE; NTISDE

Section Headings: 94K (Industrial and Mechanical Engineering--Laboratory and Test Facility Design and Operation); 90A (Government Inventions For Licensing--Mechanical Devices and Equipment); 62A (Computers, Control, and Information Theory--Computer Hardware)

20/5/12 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2005 INIST/CNRS. All rts. reserv.

05738607 PASCAL No.: 84-0239617

**PVV: un systeme d'interpretation d'images par prediction et verification**  
**(PVV: an image interpretation system by prediction and verification)**

SOUVIGNIER Viviane

Univ.: Grenoble, I.N.P. Degree: Th. 3e cycle: Inform.  
1983; 1983 132 p.

Availability: CNRS-T53141

No. of Refs.: 2 p.

Document Type: T (Thesis) ; M (Monographic)

Country of Publication: France

Language: French

Le systeme PVV applique une strategie de controle prediction verification pour **identifier** et localiser des objets partiellement visibles dans des images digitalisees de scenes bidimensionnelles. L'objectif de cette strategie est de maitriser la combinatoire liee a l'interpretation d'images digitalisees

English Descriptors: Image analysis; **Image** interpretation; Digital **image**  
; Object **location** ; Prediction

French Descriptors: Analyse image; Interpretation image; Image numerique;  
Localisation objet; Prediction; Scene bidimensionnelle

Classification Codes: 001D02C03



## **Google Translation**

System PVV applies a strategy of control prediction checking to identify and locate partially visible objects in images digitalisees of two-dimensional scenes. The objective of this strategy is of maitriser combinative the liee has the interpretation of images digitalisees

24/5/4 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01116541 ORDER NO: AAD90-21100

**AN OPTICAL RANDOM NUMBER GENERATOR BASED ON PHOTOEVENT LOCATIONS (RANDOM NUMBER GENERATOR, PHOTON COUNTING)**

Author: MARTINO, ANTHONY J.

Degree: PH.D.

Year: 1990

Corporate Source/Institution: THE UNIVERSITY OF ROCHESTER (0188)

Supervisor: G. MICHAEL MORRIS

Source: VOLUME 51/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1338. 194 PAGES

Descriptors: PHYSICS, OPTICS; STATISTICS

Descriptor Codes: 0752; 0463

The well-known Monte Carlo method was combined with the relatively new technique of quantum-limited imaging to produce an optical **random number generator** in which the locations of detected photoevents provided the **random numbers**.

The optical **random number generator** used a two-dimensional, position-sensitive, photon-counting detector. The spatial distribution of photoevent locations was dictated by imaging a control object onto the detector. An iterative calibration procedure was developed to determine the brightness function written onto the control object, which was a piece of film or a video monitor. With both control objects, the iterative calibration procedure led to improvements in the performance of the system. The ideal control object would combine the spatial resolution and temporal stability of film with the reproducibility and quick reconfiguration of the video monitor.

Use of the optical **random number generator** was demonstrated in Monte Carlo matrix inversion and a simulation of sunlight scattering from raindrops. The optical **random number generator** was shown to have the advantage of speed over available **pseudorandom number generators**. With film as the control object, it also had the advantage of producing true **random numbers**. Even with the video monitor, it did not produce a repeating sequence. The **pseudorandom number generator** had the advantage of producing a wider range of **random numbers**. The wider range made no difference in the behavior of the matrix inversion algorithm. However, with the rainbows, where continuous quantities were simulated, noticeable effects occurred.

24/5/4 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01116541 ORDER NO: AAD90-21100

**AN OPTICAL RANDOM NUMBER GENERATOR BASED ON PHOTOEVENT LOCATIONS (RANDOM NUMBER GENERATOR, PHOTON COUNTING)**

Author: MARTINO, ANTHONY J.

Degree: PH.D.

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24/5/5 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01092658 ORDER NO: AAD89-17104

**DEVELOPMENT OF A PHOTOGRAMMETRIC SYSTEM FOR MONITORING STRUCTURAL DEFORMATIONS OF THE STURGEON BAY BRIDGE (WISCONSIN)**

Author: KIM, BYUNG-GUK

Degree: PH.D.

Year: 1989

Corporate Source/Institution: THE UNIVERSITY OF WISCONSIN - MADISON (0262)

SUPERVISOR: PAUL R. WOLF

Source: VOLUME 50/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4665. 184 PAGES

Descriptors: ENGINEERING, CIVIL

Descriptor Codes: 0543

The feasibility of using photogrammetry as a measurement system to detect suspected movements on the State Highway 57 Bridge at Sturgeon Bay,

Wisconsin, was investigated. The problem posed by this structure is unusual because stable control points can be established at only one end of the bridge.

The specific conditions of the bridge and a variety of photogrammetric systems were simulated using specially developed software and a microcomputer. Based upon results from extensive simulations, a photogrammetric system which can detect small movements, with a certain confidence, was selected. The system consists of a strip of terrestrial photos with 60% overlap, and five each of ground observations for horizontal distance, azimuth, and elevation difference.

The simulation package: (1) generates **photo** coordinates from assumed target **locations** and camera positions and orientations; (2) perturbs these photo coordinates using a **random number** generator to simulate expected errors; (3) computes the ground coordinates of targets from the perturbed photo coordinates; and (4) analyzes precisions of the movements.

Assumptions, development, analysis of the systems, and general application of the simulation technique to other structures are discussed. Methods of programming the simultaneous photogrammetric least squares adjustment, including ground observations, its data structures and data managing techniques, are presented.

**24/5/6 (Item 1 from file: 144)**

DIALOG(R)File 144:Pascal

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14353763 PASCAL No.: 00-0004986

**Authenticity and integrity of digital mammographic images**

**PACS design and evaluation : engineering and clinical issues : San Diego CA, 23-25 February 1999**

ZHOU X Q; LOU S L; HUANG H K

BLAINE G James, ed; HORII Steven C, ed

Laboratory for Radiological Informatics, Department of Radiology, UCSF, United States

American Association of Physicists in Medicine, Chicago IL, United States.; American Physiological Society, United States.; International Society for Optical Engineering, Bellingham WA, United States.; FDA. Center for Devices and Radiological Health, United States.; Society for Imaging Science and Technology, Springfield VA, United States.; National Electrical Manufacturers Association, Washington DC, United States.; Radiological Society of North America, United States.; Society for Computer Applications in Radiology, United States.

PACS design and evaluation. Conference (San Diego CA USA) 1999-02-23

Journal: SPIE proceedings series, 1999, 3662 138-144

ISBN: 0-8194-3134-6 ISSN: 1017-2653 Availability: INIST-21760;  
354000080103250150

No. of Refs.: 4 ref.

Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)

Country of Publication: United States

Language: English

Image authenticity and integrity is an important issue in a telemammography system. We present an algorithm which can embed encrypted image and patient information into an image. The embedded information can be extracted and decrypted by the receiving site to verify the patient identification and confirm image authenticity and integrity. Because of the large size of mammographic images comparing to other images, data embedding in a mammogram is relatively easier to be implemented. By analyzing the noise gray level of our digital mammography system, we know that the least-significant bits of the image are noise caused by the imaging device. So these bits can be used for data embedding. The methods include: (1) Calculate the check-sum of the image and extract patient information from DICOM header, (2) Encrypt the check-sum and patient information using public-key encryption strategy, (3) Generate a set of uniformly distributed pseudo- **random numbers** and put the encrypted check-sum and patient

information into randomly selected pixel **locations** . Three mammographic **images** are selected for our experiment. Two images are the digitized mammogram with a large breast and a small breast, and the other is the direct digital mammogram. About 500 characters of patient information and a 32 bits check-sum are embedded into each image. By comparing the original image and the embedded image from a 2k x 2k monitor, we found three embedded images of large size and small size of digitized mammogram as well as direct digital mammogram have no quality degradation. To prove the effectiveness of this method, we change the value of one pixel which is selected randomly in the embedded image. Then, we use our extraction algorithm to detect the integrity of this image. The results show we can not only extract the embedded patient information correctly, but also detect the slight difference between the original image and the altered image. Our preliminary results demonstrate that embedding extra information into an image using data hiding technology is an effective method for image integrity in telemammography.

English Descriptors: Telecommunication network; Telemedicine; Mammography;  
Image transmission; Cryptography; Safety; Integrity; Authentication;  
System description; Experimental result

French Descriptors: Reseau telecommunication; Telemedecine; Mammographie;  
Transmission image; Cryptographie; Securite; Integrite; Authentification;  
Description systeme; Resultat experimental

Classification Codes: 001D04B03

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| Set | Items   | Description   |
|-----|---------|---|
| S1  | 7405702 | IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ? OR GRAPHIC? ?   |
| S2  | 8878774 | PATH? ? OR ADDRESS?? OR URL OR DIRECTORY OR DIRECTORIES OR FOLDER? ? OR LOCATION? ? OR SUBFOLDER? ? OR SUBDIRECTORY OR SUBDIRECTORIES OR RESOURCE()LOCATOR? ? OR URI OR URN OR UNIFORM()RESOURCE                    |
| S3  | 43582   | IDENTIFIER? ?   |
| S4  | 15040   | (RANDOM OR PSEUDORANDOM)()NUMBER? ?   |
| S5  | 348441  | HASH OR DIGEST  |
| S6  | 0       | S1 (30N) S2 (30N) S3 (30N) S4 (30N) S5  |
| S7  | 1       | S1 (30N) S2 (30N) S3 (30N) S4   |
| S8  | 516     | S1 (30N) S2 (30N) (S3 OR S4)  |
| S9  | 136781  | (IDENTIFY? ? OR IDENTIFYING OR IDENTIFIED OR DETERMINE? ? - OR DETERMINING OR DETERMINATION OR ESTABLISH?? OR ESTABLISHING OR DEDUCE? ? OR DEDUCING OR DISCERN?? OR DISCERNING OR DISCOVER?? OR DISCOVERING) (3N)S2 |
| S10 | 1562    | S9 (10N) S1   |
| S11 | 1       | S10 (30N) (S3 OR S4)  |
| S12 | 3619    | S9 (30N) S1   |
| S13 | 5       | S12 (30N) (S3 OR S4)  |
| S14 | 4       | RD (unique items)   |
| S15 | 4       | S14 NOT PY>2000   |
| S16 | 85424   | (FIND? ? OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR SEARCH OR SEARCHING) (3N)S1  |
| S17 | 3       | S16 (5N) (S3 OR S4)   |
| S18 | 1072    | (PRIMARY OR SECONDARY OR TWO OR SECOND OR ADDITIONAL OR ANOTHER OR 2ND) (3W)S3  |
| S19 | 12      | S1 (30N) S2 (30N) S18   |
| S20 | 4       | S19 NOT PY>2000   |
| S21 | 4       | RD (unique items)   |

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(c) 2005 The HW Wilson Co.

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(c) 2005 Dialog  
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec  
(c) 2005 The HW Wilson Co

11/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01503995 SUPPLIER NUMBER: 11912831 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**From rags to riches. (developments in bar-coding-related technologies  
enable more cost-effective automation)**

Major, Michael J.

MIDRANGE Systems, v5, n3, p42(3)

Feb 4, 1992

ISSN: 1041-8237

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2277 LINE COUNT: 00179

... electronic forms in the insurance, healthcare, and other industries. A customer ID or other visual **identifier** is scanned into an imaging system so a **folder** can be quickly **identified** and electronic **image** filed correctly.

Equally important to the growth of bar-code technologies is the recognition by...



21/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

02824475 SUPPLIER NUMBER: 04193207 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Warehouse wisdom: a profitable necessity. (case studies)**  
Handling & Shipping Management, v27, p38(6)  
April, 1986  
ISSN: 0194-603X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2299 LINE COUNT: 00187

... information on this and other lighting systems, write in 528 on the Reader Service Card.

**Photo** : The double-tiered warehouse of Saba Distribution AB is so large that pallet labels must carry a special **two** -digit **identifier** to indicate the general **location** of a storage slot.

**Photo** : Westinghouse Electric Corp.'s new ETV system, made by American Mfg. Co. of Tacoma, WA, saves more than 15% in storage/retrieval time at its Hampton, SC warehouse.

**Photo** : Aldrich Chemical Co.'s Milwaukee warehouse uses an SPI indirect lighting system that provides virtually...

21/3,K/3 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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05536465 SUPPLIER NUMBER: 59473806 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Getting the Picture: Observations from the Library of Congress on Providing  
Online Access to Pictorial Images(\*)**.

ARMS, CAROLINE R.

Library Trends, 48, 2, 379

Fall, 1999

ISSN: 0024-2594

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 14017

LINE COUNT: 01154

... of logical identifiers used for all materials digitized by NDLP.

Each item has a unique **two**-part logical **identifier**. As examples, dag.3g05001 is a daguerreotype portrait and musdi.139 is a reproduction of Powell's Art of Dancing, a dance instruction manual. Currently, the **two** parts of the **identifier** are related to names of **directories** and file names in the UNIX system hierarchy. In the longer term, the logical identifiers...

...unique persistent identifiers, however the content is stored. The handle for the dance manual is **urn**:hdl:loc.music/musdi.139. A catalog record for this item incorporating the handle is...

...Web-based presentation of the book, generated dynamically from its digital content, which includes page **images** and transcribed text. Since only Uniform Resource Locators (URLs) are usable today by most browsers...